TEXAS STATE VITA

Please note: For all entries, list most recent items first (updated Aug 25, 2026).

I. Academic/Professional Background

A. Name: Caneo Jinshong Hwang Title: Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
	1997	Harvard University Business Administration	Executive and Leadership Education	
Ph.D.	1974	Louisiana State Univ.	Math	Algebraic Topology
M.S.	1970	National Taiwan Univ.	Math	Numerical Computation
B.S.	1967	National Taiwan Univ.	Math with Compute Courses	

C. University Experience

Position	*University*	*Dates*
Professor	Texas State University-San Marcos, CS	1987-Present
Chairman/Professor	Texas State University-San Marcos	1987-2001
Visiting Professor	Harbin Engineering University.	2007-2010
Distinguished Visiting Professor	International Islamic Univ of Malaysia	2008-2008
Visiting Professor	Shanghai Jiao Tong Univ..	2005-2008
Visiting Scholar (Development **L**eave)	Univ. of Texas, Austin, CIS/CS	2001-2001
Visiting Associate Professor	Univ. of Maryland, College Park, CIS	1987-1987
Associate Professor	Purdue Univ., W. Lafayette, In. CPT	1978-1987
Assistant Professor	St. Ambrose Univ., Iowa	1975-1976
Instructor	Louisiana St. Univ., Baton Rouge, La	1974-1975

D. Relevant Professional Experience

Position	*Entity*	*Dates*
Senior Technical Consultant and Management Advisor	VICTINA System International, Texas	1991-2007
Multimedia Software CD Design Advisor	NTNU Technological and Vocational Education; Research Center and Environmental Protection Administration, Taiwan	1998-1998
Multimedia Software Design Advisor	Galaxy Systems and Software Services and Environment Protection Administration, Taiwan	1991-1992
Environmental Permit Reporting Systems Advisor	Environment Protection Administration Taiwan and EPA, USA	1996-1997

Technical Advisor and Seminars Speaker	Institute for Information Industry (III), Taiwan	1982-1986
Quality Control Software Advisor/Consultant	Boice Division, MTI, Albany, New York	1979-1979
Software Engineer	John Deere Company, Illinois	1976-1978

II. TEACHING

A. Courses Taught:

CS 5399AB, Thesis
CS 5369, Advanced Topics in Computer Science
CS 5346, Advanced Artificial Intelligence
CS 5335, Research in Object Oriented Systems*
CS 5333, Advanced Database Systems
CS 5332, Database Theory and Design*
CS 5329, Algorithm Theory and Analysis*
CS 5306, Advanced Operating Systems
CS 4378, Special Topics in Computer Science
CS 4346, Introduction to Artificial Intelligence
CS 4332, Introduction to Database Systems*
CS 4328, Unix Programming
CS 3358, Data Structure*
CS 2308, Foundation of Computer Science II
(* Most recent courses)

B. Graduate Theses/Dissertations:

1. Supervisor for Ken W. Copeland, “Streamlining Procurement through E-Commerce”, 1996
2. Supervisor for Chingshun (Jesse) Cheng, “Personal Interactive Multimedia Presentation and Its application in the Computer Industry” , 1991
3. Supervisor for Gino Gerardo Crispieri Postigo, “Knowledge Acquisition for Expert Systems, A Conceptual Model Appraoch Using Frame”, 1990
4. Supervisor for Sanjeev Venkatesan, “Computer Peripheral Expert Diagnostic System”, 1990
5. Supervisor for Sharon Micks, “Thesis to be located ?”, 1990

C. Curriculum Development:

CS 5335, Research in Object Oriented Systems
CS 5333, Advanced Database Systems
CS 5332, Database Theory and Design
CS 5346, Advanced Artificial Intelligence
CS 4346, Introduction to Artificial Intelligence
CS 4332, Introduction to Database Systems

III. SCHOLARLY/CREATIVE

A. Works in Print

1. Books

a. Textbooks:
Hwang, C. J. (First major co-author); Darryl Gibson; "Macro-11 Assembly Language: Architecture and Structured Programming "; Prentice Hall, 1986.

Hwang, C. J. (First major co-author);; Thomas Ho; "Structured Programming in BASIC-PLUS and BASIC-PLUS-2," John Wiley & Sons, 1984.

b. Edited Books

Hwang, CJ; Conference Co-Director/Co-Editor, “Proceedings for ACM-ICPC World Finals 2005”
Hwang, CJ; Program Chair/Editor, “Proceedings for ACM-CSC 95”, Nashville, Feb 1995
Hwang, CJ; Conference Chair, “Proceedings for ACM-CSC 91”, San Antonio, March 1991

c. Chapters in Books:

Dakshina Ranjan Kisku, Phalguni Gupta, Jamuna Kanta Sing, Massimo Tistarelli, C. Jinshong Hwang, "Low Level Multispectral Palm Image Fusion for Large Scale Biometrics Authentication", Chapter in the Handbook on “Continuous Authentication based on Biometrics: Data, Models, and Metrics,” IGI Global, Copyright @2012, 16 pages.

C. Jinshong Hwang: “Time Can Not Flow Back”, Book Chapter of “Inspiration Forum Collection “, Shanghai Jiao Tong University, January 2008; Shanghai Jin Xiou Publishing House, pp 249-271; ISBN 978-7-80685-878-3

Hwang, C. J. “IO-11 Input Output System”, Appendix a software for "Macro-11 Assembly Language:Architecture and Structured Programming"; Prentice Hall, 1986.

d. Non-Refereed Books used for Classes:

Hwang, CJ; Author: “Database Design and Modeling”, 2000
Hwang, CJ; Co Author: “VAX-11 Assembly Language and VAX Architecture”, 1987
(Accepted for publication)
Hwang, CJ; Co Author: “Fortran 77 Programming”, 1986
Hwang, CJ; Co Author: “Pascal Programming”, 1985
Hwang, CJ; Co-Author: “COBOL Specifications”. 1987
Hwang, CJ; Author: “JCL and Systems Utilities For IBM Systems”, 1985
Hwang, CJ, Author: “Introduction to Operating Systems”, 1986

e. Creative Books (Non-CS):

(1) C J Hwang, “Why time cannot return”, Shanghai People Publisher, November, 2008, Simplified Chinese 2nd Edition, ISBN 978-7-208-08281-6
(2) C J Hwang, “Calling: Search for the touching Memory”; Books.com Digital Technology Publisher, November 2007, Traditional Chinese Edition, ISBN 978-986-83357-3-8
(3) C J Hwang, “Why time cannot return” , Shanghai People Publisher, January, 2007, Simplified Chinese 1st Edition, ISBN 978-7-208-06702-8

2. Articles and Grant Proposal

a. Thesis/Dissertation:

Ph. D. Dissertation: “On the Witt Group of Finitely Generated Torsion Modules and Its Application to Algebraic Topology”, 1974, Louisiana State University

M.S. Thesis:
“The Computing Analysis of a Parabolic Partial Differential Equation”, 1970, National Taiwan University

b. Refereed Journal Articles:

Dakshina Kisku, Ajita Rattani, Phalguni Gupta, Jamuna Sing, C Jinshong Hwang; “Human Identity Verification Using Multispectral Palmprint Fusion”; Journal of Signal and Information Processing, Scientic Research; May 2012, 3, Published Online http://www.SciRP.org/jpurnal/jsip.

Ling Che, C.J. Hwang, Chunsheng Ni, Bo Jin; “Research on SVM Distance based Credit Scoring Model for Network Management “; Journal of Convergence Information Technology, 2012 by AICIT pp xxx.

Sunil Taneja, Ashwani Kush, C. Jinshong Hwang , “ Key Exchange for Securing Ad hoc Networks”, Proceedings of International Conference on Computer Engineering and Technology, Third ICCET2011, Kuala Lumpur, Malaysia, June 17-19, 2011; ASME Press, Chapter DOI: 10.1115/1.859735.paper140-8. *(Paper is published in ASME Digital Library, USA*).

Ashwani Kush; C. Jinsong Hwang: “Hash Security for Ad Hoc Routing”; BVICAM’s International Journal of Information Technology (BIJIT), Volume 3, No.1, January-June 2011, ISBN 0973-5658, PP 1-5

Ashwani Kush; C. Jinsong Hwang: “Proposed Protocol for Hash-Secured Routing in Ad Hoc Networks”; MASAUM Journal of Computing, Volume 1 Issue 2, September 2009, PP 221-226

Ashwani .Kush, C.Hwang, P.Gupta, “Secured Routing Scheme for Ad hoc Networks” International Journal of Computer Theory and Engineering (IJCTE). Aug 2009, Volume 1, No.3. pp 1793-1799, **ISSN:1793-821X**

V. Khanna, P. Gupta, and C.J. Hwang; "Finding Connected Components in Digital Images by Aggressive Reuse of Labels"; Image and Vision Computing; Vol. 20(8), pp 557-568; (2002); June 2002; Elsevier Science B. V.

B. Praveen Kumar, Phalguni Gupta, C. Jinshong Hwang; “An Efficient Quadtree Datastructure for Neighbor Finding Algorithm”; International Journal of Image and Graphics, Vol. 1, No. 4 (2001) pp 619-633, October 2001; World Scientific Publishing Company,

C.P. Chung and C.J. Hwang; "The Construction of Interactive Chinese Web Database Systems for Construction Materials"; Journal of Architecture and Planning - Republic of China; pp 845-847; April 16, 2000.

K. Copeland and C.J. Hwang; "Building Full Service Intranets for Federal Systems Internet Infrastructure"; Journal of End User Computing; Vol. 11, No. 3, July - September, 1999;

Copeland, KW & Hwang, CJ. "Building Full Service Intranets for Federal Systems Internet Infrastructure"; Journal of End User Computing; 1998

c. Grant Proposal Submitted (Not offered yet, pending)

Grant submitted to NEC Corporation thru University Advancement:

Title: Reliable Person Authentication using Contactless and Inexpensive Palm Images
Description:

1. With this project, we aim to handle the problem of identity theft in cybercrimes by utilizing the palm images that are acquired from an inexpensive camera in a user friendly and contactless manner.
2. This project is dedicated to design a technology which will handle the problem of identity theft in cybercrimes and simultaneously it will be easily accessible and adopted by the common people.
3. Cybercrimes are thriving alarmingly and security enhancing mechanisms for identity theft is the best possible way to handle them.

Submitted Date: June 6, 2019
Grant Amount Proposed: $127,000

3. Refereed Papers in Conference Proceedings:

Refereed Conference Published Article

Geetika Arora, C Jinshong Hwang, Kamlesh Tiwari, Phalguni Gupta Gupta, (2019). An Efficient Singularity Detector Network for Fingerprint Images, Future Technology Conference (FTC) 2019, San Francisco, USA, October 24-25, 2019, The Park Central Hotel, Springer Nature Switzerland AG, FTC Proceedings 2019, pp 404-408.

Geetika Arora, C Jinshong Hwang, , Sanchit Hira, Kamlesh Tiwari, Phalguni Gupta Gupta, (2018). Palmprint-Based Human Recognition in Unconstrained Environment, 5th Annual Conference on Computational Science and Computation Intelligence - CSCI 2018, Las Vegas, Nevada, USA, December 13-15, 2018, **Luxor Hotel Las Vega,** IEEE Xplore 2018, Conference Publishing Services (CPS), CSREA Press, ISBN 1-60132-490-1. (19% accepted rate)

C Jinshong Hwang, Rosy Pawar, Ashwani Kush (2017). Scheme to Make MANET Selfheal Stable Routing Protocol, Future Technologies Conference 2017 - FTC 2017, Vancouver, Canada, November 29-30, 2017, **Pan Pacific Hotel Vancouver,** IEEE 2017, 978-1-5386-2823-2/17, (pp 945-948).

Tiwari, K., Hwang, C. J., Gupta, P. (2016). A Palmprint-Based Recognition System for Smartphone. Paper presented at Future Technologies Conference 2016 - FTC 2016, Hyatt Centric Fisherman's Wharf Hotel, San Francisco, California, December 6, 2016 - December 7, 2016. (pp. 577-586). Picataway, NJ 08854: IEEE Xplore and USB. doi: IEEE Xplore 978-1-5090-4171-8

Kush, A., Hwang, C. J., Dattana, V. (2016). Big Data Analytics on MAGNET Routing Standardization using Quality Assurance Metrics. Paper presented at Future Technologies Conference 2016 -- FTC 2016, Hyatt Centric Fisherman's Wharf Hotel, San Francisco, California, December 6, 2016 - December 7, 2016. (pp. 192-198). Picataway, NJ 08854: IEEE Xplore and USB. doi: IEEE Xplore 978-1-5090-4171-8

C. Jinshong Hwang, Ashwani Kush, Ruchika; "Performance Evaluation of Manet Using Quality of Service Metrices"; Proceedings of Conference: Fifth International Conference on Innovative Computing (INTECH/IEEE) 2015, pp: CD, Section S4 Innovative Computing Systems; May 20-22, 2015, Vigo, Galicia, Spain.

C. Jinshong Hwang, Ashwani Kush, Rozy Pawar; "Self Healing MANET Using Weight Factor"; Proceedings of Conference: International Conference On Wireless Netwroks (ICWN) 2015, pp 214-219; July 27-30, 2015, Las Vegas, Nevada, USA.

Arjun Reddy, Umarani Jayaraman, C. Jinshong Hwang, Phalguni Gupta; " AN EFFICIENT FINGERPRINT INDEXING SCHEME USING POTENTIALITY OF COREPOINT"; Proceedings, International Conference on Applied & Theoretical Information Systems Research (ATISR 2012), Feb 10-12, 2012, Taipei, Taiwan

C. Jinshong Hwang, Ashwani Kush, Sunil Taneja, "Making MANET Energy Efficient", Proceedings of GMC '2011, October 17-18, 2011, Shanghai, China; IEEE Catalog CFP1141 I-CDR, ISBN 978-1-4673-0347-7; Copyright 2011 IEEE 978-1-4673-0348-4/11.

Sunil Taneja, Ashwani Kush, C. Jinshong Hwang; "Secret Key Establishment for Symmetric Encription over Adhoc Networks"; Proceedings of World Congress on Engineering and Computer Science 2011 (WCECS 2011), International Conference on Communications Systems and Technologies (ICCST) 2011, pp 855-859, October 19-21, San Francisco, USA.

P. Gupta, A. Rattani, D. R. Kisku, C. J. Hwang, J. K. Sing; "Palmprint Verification using Lagrangian Decomposition and Invariant Interest Points"; Proceedings of 2011 SPIE Conference – Mobile Multimedia/Image Processing, Security, and Application 2011; Volume 8063, 0277 – 786X, Pages 8063 0W1 to 0W8; April 25 – 26, 2011, Orlando, Florida, USA

D. R. Kisku, A. Rattani, P. Gupta, C. J. Hwang, J. K. Sing; "Palmprint Identification using FRIT"; Proceedings of 2011 SPIE Conference – Mobile Multimedia/Image Processing, Security, and Application 2011; Volume 8063, 0277 – 786X, Pages 8063 0T1 to 0T9; April 25 – 26, 2011, Orlando, Florida, USA

Ashwani Kush, S. Taneja and C. J. Hwang, "Secured and Power Efficient Routing Scheme for

Adhoc Networks", International Conference on Reliability, Infocom Technology and Optimization (ICRITO'2010), Lingaya's University, Faridabad, India, pp. 83-91, November 1 - 3, 2010, ISBN: 978-81-909732-2-9.

Dakshina R Kisku, Phalguni Gupta, J Sing, C. Jinshong Hwang; "Multispectral Palm Image Fusion for Person Authentication using Ant Colony Optimization"; Proceedings of 2010 International Workshop on Emerging Techniques and Challenges for Hand-Based Biometrics (ETCHB 2010) in conjunction with the 20th International Conference on Pattern Recognition (ICPR 2010); Session 3, IEEE eXpress Conf Press, pp. 1-7; August, 2010; Istanbul, Turkey

Ashwani Kush; C. Jinsong Hwang: "Proposed Protocol for Secured Routing in Ad Hoc Networks"; International Association of Computer Science and Information Technology, IACSITSC2009 Spring Conference Proceedings, Singapore, April 15-17, 2009, PP 76-81, IEEE Xplore

Ashwani Kush; P. Gupta; C. Jinsong Hwang: "A Hybrid Stable Routing Protocol for Large Scale Mobile Ad Hoc Network"; Proc. of 2008 World Wireless Congress, San Jose, California. May 14-16, 2008, pp 19-25

Ashwani Kush; P. Gupta; C Jinshong Hwang, Vinay Rishiwal; "Routing Solution for Multiple Connections in Mobile Ad Hoc Networks"; Proceedings of WORLDCOMP 07, Las Vegas, USA; June 25-28, 2007, pp 311-

P. Gupta, A. Sana; H. Mehrotra, C Jinshong Hwang; "An Efficient Indexing Scheme for Binary Feature Based Biometric Database", Proceedings of SPIE 2007 Vol. 6539 653909-1; Florida, April 10-12, 2007, pp

Nitin Agrawa, Hunny Mehrotra, Phalguni Gupta, C Jinshong Hwang; "An Efficient Fusion Strategy For Multimodal Biometric System", Proceedings of VISAPP 2007, Barcelona, Spain, March 8 – 11, 2007, pp 178-183

A. Kush, R. Kumar, A. Pandey, P. Gupta, and C. Jinshong. Hwang; "Power Aware Node Routing Scheme In Ad Hoc Networks"; Proceedings of the 6th World Wireless Congress (WWC 05), Palo Alto, USA, May 24-27, 2005; pp 343-348.

A. Pandey, P. Gupta, S. Kushwaha, and C.J. Hwang; "Power Aware Virtual Node Routing Scheme In Ad Hoc Networks"; Proceedings of the International Conference on Wireless Network and Emerging Technologies (WNET), Banff, Canada, July 8-10, 2004, PP 698-702

S. Kushwaha, A. Pandey, P. Gupta and C.J. Hwang; "Weighted Probabilistic Algorithm for Cluster based Mobile Ad hoc Networks"; Proceedings of the Third International Conference on Wireless and Optical Communications, Banff, Canada, July 2-4, 2003, PP 28-33

B. P. Kumar, P. Gupta and C.J. Hwang; "A Variation of Quadtree"; Proceeding of VIIP 2001 International Conference on Visualization, Imaging and Image Processing, Marbella, Spain, September 3-5, 2001.

V. Khanna, P. Gupta, and C.J. Hwang; "Finding Connected Components in Digital Images"; Proceedings of International Conference on Information Technology: Coding and Computing; Las Vegas Nevada, April 2-4, 2001.

V. Khanna, P. Gupta, and C.J. Hwang; "Maintenance of Connected Components in Quadtree-Based Image Presentation"; Proceedings of International Conference on Information Technology: Coding and Computing; Las Vegas, Nevada, April 2-4, 2001.

Copeland, KW & Hwang, CJ; "Merging of EDI Security Requirements with Internet Security Technologies;" Proceedings of the 8th Annual Internet Society Networking Conference; pp 41 CD; Geneva, Switzerland; July, 1998.

Copeland, KW & Hwang, CJ; "Historical Perspective for the Foundation of Internet-Based EDI"; Proceedings of the 8th Annual Internet Society Networking Conference; pp 40 CD; Geneva, Switzerland; July 1998.

Copeland, KW & Hwang, CJ. “Third Generation Web Applications, Full Service Intranets, EDI - The Fully Integrated Business Model for Electronic Commerce.” Proceedings of the 7th Annual Internet Society Networking Conference. Kuala Lumpur, Malaysia, June 24-27, 1997.

Copeland, KW & Hwang, CJ. “Electronic Data Interchange: Concepts and Effects.” Proceedings of the 7th Annual Internet Society Networking Conference. Kuala Lumpur, Malaysia, June 24-27, 1997.

Copeland, KW & Hwang, CJ. “Streamlining Procurement Through Electronic Commerce: An Internet Approach.” Proceedings of the 1997 Information Resources Management Association (IRMA) International Conference. Vancouver, British Columbia, Canada. May 18-21, 1997.

Copeland, KW & Hwang, CJ. “Intranets as infrastructure for Federal Procurement Applications.” Proceedings of the 1997 Information Resources Management Association (IRMA) International Conference. Vancouver, British Columbia, Canada. May 18-21, 1997.

Copeland, KW & Hwang, CJ. “Automating the Small Purchase Solicitation Cycle for Non-EDI Trading Partners Using Internet Technologies.” Proceedings of the 1997 Association of Computing Machinery (ACM) Special Interest Group on Computer Personnel Research (SIGCPR) Conference. San Francisco, California, April 3-5, 1997.

C.-H. Sophie Lee, C. J. Hwang, Anitesh Barua, and Andrew Whinston, "CART: A Computer Aided Reengineering Tool Based on Business Value Complementarity Theory," *ACM/CSC '95 Proceedings*, March 1995.

Bill Schwartz, Betty Hwang, and C. J. Hwang, "A Workplan for Business Process Reengineering and A Challenge for Computer Scientists and Information Technologists." ACM/CSC 95 Proceedings, March 1995.

Hwang, CJ, “Object Oriented System Development Development Techniques”, Hill Country CASE Group Seminar, Abstract, Austin, Texas, Aug 1993

Lin, Chi-Hui; Hwang, Betty; Hwang, C. J. "An Animated Interactive CAI Lesson on Environmental Protection", Proceedings of ACM/SAC 92, Kansas City, MO, March 1992

Cheng, Jesse; Hwang, C. J. "Survey of Personal Interactive Multimedia Technologies", Proceedings of ACM/CSC '91, San Antonio, TX, March 1991.

Hwang, CJ, “Groupware and Its Applications”, Abstract, Proceedings of NATPA Annual Meeting, Taipei, July 1990.

Hwang, C. J.; "Using the H-D Chart for Structured Programming in Assembly Language", Texas Academy of Science Meeting, San Marcos, Texas, March 1990.

Hwang, C. J.; Lin, Y. B.; "Programming with H-D Chart for Program Verification", SETS 1990, Houston, June 1990.

Kao, Chiang; Hwang, C. J.; "A Knowledge-Based Approach to Class Scheduling Problems with a Developed System ACS," IEEE International PCCC, Scottsdale, Arizona, March 1989.

Hurlbert, Larry; Smith, Ed; Hwang, C. J. "Iron Sponge Productivity Expert System ", Abstract,

Texas Academy of Science Meeting, Beaumont, TX; March 1989.

Kao, Chiang; Hwang, C. J.; "A Dietary Recommendation Expert System Using OPS5," IEEE FJCC87 Dallas, October 1987.

Hwang, C. J.; Johnson, Brian; Seib, Donald; "Expert System Fundamentals," Abstract, DATACON, St. Louis, March 1987.

Hwang, C. J.; "Structured D-chart: A Diagrammatic Methodology in Structured Programming," Proceedings of AFIPS National Computer Conference, June 1982.

4. Refereed Article published in public blog web site:

C. Jinshong Hwang, ICPC Asia Council Committees; “2017 ACM-ICPC Asia Regional Programming Contest Rules”,
http://blog.sina.com.cn/s/blog_b946da100102vylk.html
The article contains a total of 20+ regular pages, September, 2017.

C. Jinshong Hwang and ICPC Asia Council Committes; “2016 ACM-ICPC Asia Regional Programming Contest Rules”, http://blog.sina.com.cn/s/blog_b946da100102v2ui.html
The article contains a total of 20 regular pages, September, 2016.
Reviewed by committees of at least 12 professors; Readership in 2016: 1200+.

5. Refereed Papers Submitted to Conference Published as an Abstract:

Yonghui Wu, C. Jinshong Hwang; “Joint Programming Training in Taiwan”; Brochure of Symposium with Abstracts, Conference: Collaborative Learning Institute Symposium (CLIS) in conjunction with ACM-ICPC WF; May 16-19, 2015, Marrakech, Morocco.
(The training did improve the ranking of Taiwan teams: The National Chiao Tong University which was promoted to WF 2016 the first time without given any special preference.)

6. Software or Software CD (Reviewed but Non-refereed):

Hwang, CJ, & others, “24HourOrder.com e-Commerce and Database” Technical Consultant for the design of the e-Commerce web site and databases; 24HourOrder.com, Austin, Texas, January, 2002

Hwang, CJ, & others, “EPA/ROC Home Pages English Version.” Technical Consultant for the design of home pages for the Environmental Protection Administration, ROC. Taipei, Taiwan, March 1997

Hwang, CJ & others, “Environmental Protection Explorer-CD.” Advisor to the design of CAI-CD for Environmental Protection Administration, ROC. Taipei, Taiwan, June 1996.

Hwang, CJ & others, “Environmental Protection Small Theater - CD.” Advisor to the design of CAI-CD for Environmental Protection Administration, ROC. Taipei, Taiwan, June 1996.

C. J. Hwang as Consultant to the Design Team; EPA, ROC; "Touch Screen 3D Multimedia Animated Software in Environmental Protection", Public Exhibition in Taiwan, 1992.

C. J. Hwang as Key Consultant to the Design/Development International Team; EPA, ROC; "CAI Teaching Software (2D Multimedia) for Learning Environmental Protection", ENPROTEC Conference, Taipei, January 1991. (Enprotech 91 Exhibit Products.)

7. Manuscripts used for Seminar Books (Published by Industries but Non-refereed):

a. For Victina Systems International, Texas:

Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: " HTML and Applications"
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: " SQL-Server and Data Modeling"
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Power Builder Applications"
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Java and Object Oriented Design and Modeling".
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Access and Database Design"
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Oracle RDBMS and Database Design and Modeling"
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Object Oriented Design and Modeling with UML.
Hwang, CJ.; Editor in Chief, VICTINA Seminar Manuscript: "Visual Basic and e-Commerce".

b. For Institute of Information Industries (III), Taiwan:

Hwang, CJ ; Author and Seminar Speaker: " Structured System Analysis Seminar (141C)", 1983
Hwang, CJ ; Author and Seminar Speaker: " Structured System Analysis and System Design Seminar (125)", August 1982.
Hwang, CJ ; Author and Seminar Speaker: " Advanced Structured System Analysis and System Design Seminar ", July 1983.

c. For ChongCheng Computer Training and Education Center, Taiwan:

Hwang, CJ ; Author and Seminar Speaker: " Structured System Analysis and System Design", August 1982

d. For Industrial Technology Research Institute (ITRI), Taiwan

Hwang, CJ ; Author and Seminar Speaker: "Database Practical Design Seminar ", August 1991.

8. Chairing a session or Panel Discussion as Panelist:

C Jinshong Hwang, co-chaired the session ICWN 2015 "Networks and Systems: Novel Applications and Algorithms Systems + Sensor Technologies"; July 27, 2015, 1:20 pm – 5:40 pm; ICWN 2015/WorldComp 2015, Las Vegas, Nevada, USA.

CSIT Taiwan Computer Science Chairs Forum "Computer Education Panel", Dec 17, 2010, Cheng Kong University, Tainan, Taiwan
CSC Conference, "Business Process Re-engineering", March 1995
CSC Conference, "Business Process Re-engineering – Just a Buzzword?", March 1995

9. Reports:

C J Hwang, "The Development and Implementation of Permit Reporting Management System (I)" and Appendix A – US/EPA Federal Documentation(Volume I) , Submitted to EPA, Taiwan, Nov 1998
C J Hwang, "The Development and Implementation of Permit Reporting Management System (I)" and Appendix B – US/EPA Federal Documentation(Volume I I) , Submitted to EPA, Taiwan, Nov 1998
C J Hwang, "The Development and Implementation of Permit Reporting Management System (I)" and Appendix B – The State of North Carolina and the State of CaliforniaDocumentations, Submitted to EPA, Taiwan, Nov 1998
C J Hwang, "The Development and Implementation of Permit Reporting Management System (II)", Submitted to EPA, Taiwan, Nov 2000

10. Book Reviews, and Others:

Book Reviews (Omitted)

Reviewed Ph D Thesis for three students in IIT Kanpur in India and one in another India University.
Reviewed several Journal Articles. (omitted)

B. Works not in Print

1. Presentation at Professional Meetings:

Hwang, C. J., Invited VIP Speaker, "You Can Solve More Complicated Problems", A written Speech, The First XiaoMi Invitational On-site Programming Contest, Beijing, Nov 21-22, 2020.

Hwang, CJ, Speaker for more than 90 times in twenty-three years period (1994 –2018) to, each time, a large audience of most talented Asian computer science/engineering students in the ACM-ICPC Contest Conferences throughout many Asian countries.
These topics are about Programming Contests and Computer Education.
(Too many and be omitted))

2. Invited Talks, Lectures, and Presentations:

a. VIP for Contest Conferences Speakers (Presentations/Talks to Universities):

VIP Speakers on ACM/ICPC Contest Conferences with Title
"ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There" :
Northwestern Polytechnic University, December 2019
National Taipei Commerce University, Nov 2019;
Jiangxi Normal University, Nov 2019;

VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
Northwestern Polytechnical University, P. R. China; December 15, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
University of Asia Pacific, Bangladesh; December 20, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
Henan Polytechnic University, P. R. China; November 24, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
Mahidol University, Thailand; November 16, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
Peking University, P. R. China; November 10, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
City University of Hong Kong, Hong Kong; June 23, 2018
VIP Speaker, "ICPC Asia Regional Contest: Set the Goal and Keep Working, You Will Get There";
Ning Hsia Institute of Science and Technology, P. R. China; June 9, 2018

VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Shanghai University, China; December 16, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Ateneo De Manila University, Phillipines; December 13, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; University of Computer Studies Yangong, Maynmar; Nov 15, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ;Donghua University, Taiwan, Nov 24, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Hong Kong Polytechnical University, Hong Kong; November 18, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Peking University, China; November 18, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Guangxi University, China; June 1, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Xinjiang

University, China; May 21, 2017
VIP Speaker, "ICPC Asia Regional Contest: The 22 years history of Developing ICPC Asia" ; Northwest Polytechnical University, China; May 20, 2017

VIP Speakers on ACM/ICPC Contest Conferences with Title
"ICPC Asia Regional Contest: Success Factors for Computer Professionals" :

VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; Shandong Normal University, Jinan, China; June 4, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; Petrolium University of China, Qingdao, China; Nov 12, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; **Peking University,** Beijing, China; November 13, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; University of Asia Pacific, Dhaka, Bangladesh; November 18, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; Shanghai University, Shanghai, China; December 10, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; Ateneo De Manila University, Manila, Philippines; Dec 14, 2016
VIP Speaker, "ICPC Asia Regional Contest: Success Factors for Computer Professionals"; National Institute of Technical Teachers' Training and Research Kolkata, Kolkata, India, Dec 26, 2016,

VIP Speakers on ACM/ICPC Contest Conferences with Title
"ICPC Asia Regional Contest: An Opportunity in Your Life Time" :

VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; Dalian Maritime University, Dalian, China; June 6, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; **Peking University,** Beijing, China; November 14, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; Prince of Songkla University Phuket, Phuket, Thailand; November 19, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; East China University of S & T, Shanghai, China; November 21, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; Hanoi University of Business and Technology, Hanoi, Vietnam; Nov 26, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; Shanghai University for Asia EC-Final, Shanghai, China, Dec 12, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity for your students"; University of Computer Studies, Yangon, Maynmar, Dec 20, 2015
VIP Speaker, "ICPC Asia Regional Contest: An Opportunity in Your Life Time"; National Institute of Technical Teachers' Training & Research, Kolkata, India; Dec 25, 2015

VIP Speakers on ACM/ICPC Contest Conferences with Title
"To Succeed in Contest, Career, and Entrepreneurship":

(1) VIP Speaker, "To succeed in IT Contest, Career and Entrepreneurship"; Beijing Normal University, Beijing, China, November 16, 2014
(2) VIP Speaker, "To succeed in IT Contest, Career and Entrepreneurship"; Chulalongkorn University, Bangkok, Thailand, November 14, 2014
(3) VIP Speaker, "To succeed in IT Contest, Career and Entrepreneurship"; Providence University, Taichung, Taiwan, November 22, 2014
(4) VIP Speaker, "To succeed in IT Contest, Career and Entrepreneurship"; Northeast Agricultural University, Harbin, China, June 6, 2014
(5) As VIP and Speaker, attended ACM-ICPC Asia Hatyai Regional Contest in Thailand.
(6) As VIP and Speaker, attended ACM-ICPC Asia Hangzhou Regional Contest in China.
(7) As VIP and Speaker, attended ACM-ICPC Asia Chengdu Regional Contest in China.

(8) As VIP and Speaker, attended ACM-ICPC Asia Changsha Regional Contest Committee preparation conference in China.

(9) As VIP and Speaker, attended ACM-ICPC Asia Kaohsiung Regional Contest in Taiwan.
(10) As VIP and Speaker, attended ACM-ICPC 2015 Phuket World Finals Contest Commitee preparation conference in Phuket Thailand.
(11) As VIP and Speaker, attended ACM-ICPC Asia Anshan Provincial Contest Conference in Northeast China.
(12) As VIP and Speaker, attended ACM-ICPC Asia Jinhua Provincial contest Conference in Zhejiang China.

The VIP Speaker role continued for many years and the list of VIP Speaker is too long and is omitted here.

b.China Lecture Tours:

"Program Your Life"; Shandong University, January 5, 2011
"Program Your Life"; Chengdu Newsoft University, May 10, 2011
"Program Your Life"; Fujian Normal University, May 13, 2011
"Why time can not return"; Luxvn Memorial Museum, Dec 26, 2010
"Program Your Life"; Harbin Institute of Technology HuaDe College, June 14, 2010
"Program Your Life"; Qingdao Ocean University of China, June 5, 2010
"Program Your Life"; Fudan University, May 18, 2010
"Program Your Life"; Fuzhou University, May 21, 2010
"Program Your Life"; Zhejiang Science Technology University, May 12, 2010
"Program Your Life"; SiChuan University, November 4, 2009
"Program Your Life"; Young Entrepreneur Association of Beijing, June, 2009
"Program Your Life";Youth Commision of SiChuan Communist Party, June, 2009
"Program Your Life"; Beijing JiaoTong University, May, 2009
"Program Your Life"; Harbin Engineering University, May, 2009
"Programming Your Life"; Young Entrepreneur Association of Beijing, June, 2009
"Programming Your Life";Youth Commision of SiChuan Communist Party,June, 2009
"Why time can not return"; Najing Institute of Technology, Jan 11, 2008
"Why time can not return"; Najing University of A A, Jan 10, 2008
"Why time can not return"; Southwest University of Nationalities, May 23, 2007
"Why time can not return"; SiChuan University, May 23, 2007
"Why time can not return"; Chengdu Dianzi University, May 22, 2007
"Why time can not return"; Xihua University, May 21, 2007
"Why time can not return"; Shanghai Institute of Foreign Trade, May 17, 2007
"Why time can not return"; Donghua University, May 16, 2007
"ACM/ICPC"; Shanghai University, May 15, 2007
"Why time can not return"; Shanghai Jiao Tong University, May 14, 2007
"China Embracing ACM/ICPC"; Zhejiang University March 23, 2007
"China Embracing ACM/ICPC"; Tsinghua University; March 21, 2007
"China Embracing ACM/ICPC"; Beijing University of Post and Telecommunications; March 21, 2007
"China Embracing ACM/ICPC"; Peking University; March 20, 2007
"China Embracing ACM/ICPC"; Hanzhou Dianzi University; January 9, 2007
"China Embracing ACM/ICPC"; Beihang University; January 7, 2007
"China Embracing ACM/ICPC"; Jilin University; January 6, 2007
"China Embracing ACM/ICPC"; Harbin Engineering University; January 5, 2007
Hwang, CJ. "Internet, WWW, and Family Education." Speaker for The 86th School Principal's Training Seminars. Taipei, Taiwan, March 1997.
Hwang, CJ, "EDI and Future Application." Speaker for the Department of Computer and Information Engineering, National Taiwan University. Taipei, Taiwan, March 1997
Hwang, CJ, "Internet for School and Family Education." Speaker for The Taiwan Educational Seminars for Municipal District Superintendents. Taipei, Taiwan, March 1997.
Hwang, C. J. "Object-Oriented Systems Development Techniques", Hill Country CASE group Seminar, Austin, Texas, August, l993

Hwang, C. J. "Object-Oriented Systems Development Review", Hill Country CASE Group Seminar, Austin, Texas, June, l993.

c. Taiwan Lecture Tours

Hwang, C.J. “ACM ICPC Programming Contest and the Book”, Chang Chin Fen Program; Taiwan Educational Radio Station, 2008/01/03
Hwang, C.J.; “ACM ICPC Programming Contest and the Book” Liu Xiou Ru Program; Taiwan Police Radio Station, 2008/01/03
Hwang, C J. “ACM ICPC Programming Contest and the Book”; YoYo Program; Taiwan Police Radio Station, 2008/01/03
Hwang, C. J. “ACM ICPC Programming Contest and the Book” Chi Shuen Program; Taiwan Police Radio Station; 2008/01/04
Hwang, C. J. “ACM ICPC Programming Contest and the Book”, Cheng Mung Ling Program; Taiwan Educational Radio Station, 2008/03/09

The topics of the following speeches are “From Asia Embracing ACM-ICPC to Family Love”
2007/06/01 4:00 5:30 National Taiwan University
2007/11/20 13:30~ National Chiao Tung University
2007/11/21 13:30~ National TsingHua University
2007/11/22 16:00~ National Taiwan University
2007/12/10 Taipei Radio Stattion
2007/12/24 10:30~11:00 China Broadcasting Radio Network
2007/12/25 15:00~16:00 Han ShengRadio Station
2007/12/25 16:00~17:00 Han Sheng Radio Station
2007/12/25 19:00~20:00 Fu Sing Radio Station
2007/12/26 16:00~16:30 Police Broadcasting Radio Taipei Station
2007/12/27 10:30~12:00 Zhu Yuan College of Management
2007/12/27 15:30~15:40 Taicchung DaChen Radio Stattion
2007/12/28 9:45-9:55 am Kaohsiung Radio Stattion
2007/12/29 22:35~12:40 Taiwan Police Radio Stattion
2007/12/31 16:00~17:00 Jian In Radio Stattion
2007/12/31 18:00-18:30 Fu Sing Radio Station
2008/1/4 14:00~16:00 Sin Dian High School
2008/3/10 3:00~4:30 pm Hua Hsia University of Technology
2008/3/11 Soochow Univ
2008/3/12 13:00~14:10 TaiBei Hign School
2008/3/13 10:30 am - 12:00 Shu-De College of Technology
2008/3/13 3:00 pm National Ping Dong Education University
2008/3/14 pm National Cheng Kong University
2008/03/11 Police Radio Stattion – Gu Shen AM.Program
2008/03/10 Educational Radio Stattion – Chen Mung Ling Program
2008/03/11 Police Broadcasting Radio Taipei Station –Gu Shen PM program
2008/03/11 Hnasheng Radio Station- Wu Jia Sin Family Love Program
2008/03/12 10:10 – 10.59 Fei Day Radio Peng Hu Station – Lin Zi How Open Book Program
2008/06/02 China Television Digital Channel – Jian Sing Ling Reading Time Program
2008/06/04 National ChengChi University
2008/06/05 Chung Hua University
2008/07/15 People TV Digital Channel – Jiang Feng Lucky Book Gallary Program
2008/11/10 National Taipei University)
2008/11/13 Minchuan University, Taiwan

c. Other Asia Countries and US Lecture Tours (Topic: “Asia Embracing ACM-ICPC”)

08/05/2007 Prince of Songkla University, Phuket, Thailand
08/10/2008 International Islamic University of Malaysia, Kuala Lumpur
University Malaysia Pahang
University Pertahanan Malaysia

Malaysia Science University
08/11/2008 Universiti Tecnologi MARA Selangor, Malaysia
National University of Malaysia
08/17/2009 National University of Mongolia
Mongolia Science and Technology University
09/28/2009 Texas State University, Texas
"ACM-ICPC Asia Development"; KAIST, Korea, Nov 4, 2011

3. Workshops and Conferences Attendance

ACM/ICPC World Finals, May 2018, Beijing, China:
Representing 45 Asia Universities and their students/faculty attending 2018 WF at
Peking University, Beijing, China;
Attending ICPC International Committee meeting;
Attending ICPC Executive Committee meeting;
Attending ICPC Foundation Board Meeting;

ACM/ICPC World Finals, May 2017, Rapid City, South Dakota:
Representing 45 Asia Universities and their students/faculty attending 2017 WF at
Rapid City, South Dakota;
Attending ICPC International Committee meeting;
Attending ICPC Executive Committee meeting;

ACM/ICPC World Finals, May 2016, Phuket, South Thailand:
Representing 45 Asia Universities and their students/faculty attending 2016 WF at
Phuket, Thailand;

Attending ICPC International Committee meeting;
Attending ICPC Executive Committee meeting;

ACM/ICPC World Finals, May 2015, Marakech, Morocco:
Representing 45 Asia Universities and their students/faculty attending 2015 WF at
Marakech, Morocco;
Attending ICPC International Committee meeting;
Attending ICPC Executive Committee meeting;

ACM/ICPC World Finals, May 2014, Ekateringburg, Russia;

ACM/ICPC World Finals, May 2013, St Petersburg, Russia;

ACM/ICPC World Finals, May 2012, Warsaw, Poland;

ACM/ICPC World Finals, May 2011, Orlando
ACM/ICPC Asia 5 Regionals Chengdu, Dhaka, Hsinchu, Seoul, Fukuoka, 201 1
2011 SPIE Conference – Mobile Multimedia/Image Processing, Security, and Application
2011; April 25 – 26, 2011, Orlando, USA

(The list before 2011 is too large and omitted)

4. Consultancies:

Researcher of a Grant via University	Environmental Protection Agency, USA	1998-1999
CD Software Development Advisor	Environmental Protection Agency, Taiwan for ENPROTECT 91 Exhibit	1990-1991
Technical Advisor and Seminars Speaker	Chung-Shan Research Institute	1984

Seminars Speaker and Senior Researcher	Mechanical Industry Research Lab	1991-1992 1984-1986
Information Technology Curriculum Advisor	College of Defense and Management	1983
Seminars Speaker	Data Processing Center, Ministry of Finance	1982-1984

C. Grants and Contracts

1. Funded External Grants and Contracts:

a. Grants (Non ACM –ICPC Asia Related):

Project Management and Training Curriculum Development; Victina Systems International; January '99 - May '99; $13,080.
"Construction Web with Database Prototype - English version"; Victina Systems International; August '98 - December '98; $12,180.
“The Development and Implementation of Permit Reporting Management System (I)”, $46,628, US EPA/ EPA-ROC, C. J. Hwang, 1998; USA/EPA grant $45,128 plus SWT matching grant of $1,500.
“The Home Pages Revision for VSI”, $1,542, Sponsored by Victina System International; C. J. Hwang, September, 1997
Web Pages Project in Marketing Architect and Construction Materials”, $33,447, Sponsored by Victina Systems International/C.P. Chung Architect. CJ Hwang, January 1997.
”Environmental Issues - WWW pages in English”, $25,506, Sponsored by Victina Systems International/EPA-ROC; CJ Hwang, August 1996.
”Oracle Academic Alliance Software - Oracle Database Systems”, $1,000,000; Software Licenses, Oracle Corporation, Wuxu Peng, CJ Hwang, Moonis, Ali; March, 1996.
ACM, January 2005 – May 2005; C J Hwang; Grant Amount $55,000 via CS Department; For providing International Academic Services as ICPC World Finals Contest CoDirector.
"Multimedia, Ergonomics, Design and Interface Activities (Media) Laboratory", $104,470 NSF plus SWT Matching Fund, J. Durrett (PI), M. Ali, T. Arndt, C. J. Hwang, J. Slomka; I994.
“DSP56000 Integrated Circuit Chip”, $4,600, Motorolla, Inc., C. J. Hwang, September, 1991
"Shopfloor Control Expert System Project", ITRI/MIRL Taiwan, ROC, $13,000.00 (Development Foundation), I990.
"Expert System/AI Laboratory and Equipment Project", ITRI/MIRL, Taiwan, ROC, $15,000.00 plus $15,000 (Texas State matching fund.), 1990.

b. Funds Obtained (ACM-ICPC Asia related):

Every year from 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 all similar grants as following:
ACM/ICPC Asia Regional Contests; IBM; August 2007- July 2008; CJ Hwang and Development Foundation; $11,000
ACM/ICPC Asia Regional Contests; IBM; August 2006- July 2007; CJ Hwang and Development Foundation; $12,000
ACM/ICPC Asia Regional Contests; IBM; August 2005- July 2006; CJ Hwang and Development Foundation; $13,000.
ACM/ICPC Asia Regional Contests; IBM; August 2004- July 2005; CJ Hwang and Development Foundation; $11,000.
ACM/ICPC Asia Regional Contests; IBM; August 2003- July 2004; CJ Hwang and Development Foundation; $18,000.
ACM/ICPC Asia Regional Contests; IBM; August 2002- July 2003; CJ Hwang and Development Foundation; $17,000.
ACM/ICPC Asia Regional Contests; IBM; August 2001- July 2002; CJ Hwang and Development Foundation; $16,000.

ACM/ICPC Asia Regional Contests; IBM; August 2000- July 2001; CJ Hwang and Development Foundation; $16,000.
ACM/ICPC Asia Regional Contests; IBM; August 1999- July 2000; CJ Hwang and Development Foundation; $16,000.
ACM/ICPC Asia Regional Contests; IBM; August 1998 - July 1999; CJ Hwang and Development Foundation; $36,000.

IV. SERVICE

A. University:

College of Education Tenure and Promotion Review Committee;
College of Science Scholarship Committee
College of Science Tenure and Promotion Committee

B. Departmental:

Advisor, The Texas State CS Texas-Mexico Programming Contest, April 2019.
Work with the Programming Contest Committee to organize the largest programming Contest in CS with Industrial Sponsorships.

Personnel Committee 2019,
Comprehensive Exam Committee Problem Setter and Grader
ACM-ICPC TxStateCS contest committee
Used ACM-ICPC Asia fund to support CS student contest, to provide students' scholarship,

C. Professional:

Asia Executive Director: ICPC Asia was getting to big since my creation and we in 2019, officially divide it into three regions:
Asia East Continent (mainly including China), Asia West Continent (mainly India, Pakistan and Iran), And Asia Pacific. I obtain a new title AS Asia Executive Director supervising three big regions.

Honors and Award:

a."The James Comer Distinguished Regional Contest Directors Award" awarded by ACM/ICPC, April 17, 2018, Beijing, China, ACM-ICPC World Finals, Peking University. The Award states: "Advancing excellence in the software arts by serving as Director of Asia Contests since the inception of the role. Dr. Hwang's leadership has contributed 40% of the participation in the ICPC globally."

b."The Joseph S. DeBlasi Outstanding Contribution Award" awarded by ACM/ICPC, March 25, 2003, Beverly Hills, California.

** "For steadfast support and unfailing devotion to the development of the ACM/ICPC in Asia from 1995 to 2003";
** "The Joseph S. DeBlasi Outstanding Contribution Award is presented to a volunteer or supporter who has played an instrumental role in sustaining and advancing the ACM International Collegiate Programming Contest"

c.The Measures Distinguished Service Award" awarded by ACM/ICPC, April 4, 2005, Shanghai, China.

** The ICPC Mark Measures Distinguished Service Award is awarded each year to the ICPC volunteer who has played an instrumental role in the success of the ICPC for a period of not less than 15 years.

d.Council Chair, ACM/ICPC Contest Council for China, 2007 – present

e.Honor Chair, ACM/ICPC Contest Council for Taiwan, 2009 - present

f. One full page newspaper with photo reporting C J Hwang's accomplishment, Newspaper "Shanghai Metro Express (Shi Dai Bao) ", p 21, March 30, 2009, Title: "Cooking Soul Chicken Soup by Computer Science Professor"

g. One full page journal reporting C J Hwang's accomplishment, Journal: "Digest of Chinese and Foreign Books Classic Edition (Zhong Wai Su Zhai)", p 61, June, 2009, Title: "I am still Sobing after more than years"

h. Newspaper Editorial Article Reporting C J Hwang's Work on "Developing Multi-Thread Information Science Education", Central China Daily News, July 1983.

. i. Proposal from C J Hwang to Taiwan Prime Minister's Economic Advisor on "Developing Professionals on Applied Software Design", July 1983.

j. Major Online Journal Cover page Photo and Article Reporting C J Hwang's Work on "ACM-ICPC Asia", Interview, and CJ Hwang's Presentation on CS Students' life, Hope Spring Journal, Google Kai Fu Students Net, April 2007, Issue 14.

k. Many Chinese university BBS' Articles Reporting C J Hwang's Work on "ACM-ICPC Asia" and talks on "How to program your life".

2.Professional Positions:

Governorship and Board member

ICPC Asia Governor supervising and Leading ICPC Asia East, Asia West, and Asia Pacific three Super Regional Programming Competitions.

ICPC Foundation Board Member.

a. World Scholastic Services

(a) ACM International Collegiate Programming Contest (ICPC)
Asia Contests Director.
In charge (supervising) of Asia 6,000+ college teams from all over Asia in competition with 8,305+ teams and 2,200+ universities from 85 countries in the World.

(b) ACM/ICPC International Committee, policy making among international universities.

(c) ACM/ICPC Steering Committee - Policy Making for +350,000 participants in all levels throughout the world.

(d) Created 18 Asia Contests and Supervised the 18 Asia Contest Committees in 18 Asian universities who hosted the contest committees. (Also created and supervised 30 provincial and national contests in Asia. My world class scholarly service benefits more than 200,000+ students in Asia per year.)

The following are for 2014 Asia Regional level only:

Co-Director, ACM/ICPC Asia Region/Tokyo Steering Committee
Host Waseda University, Japan
Co-Director, ACM/ICPC Asia Region/Daejeon Steering Committee
Host University: KAIST, S. Korea
Co-Director, ACM/ICPC Asia Region/Taichung Steering Committee
Host University: Providen University, Taiwan
Co-Director, ACM/ICPC Asia Region/Bangkok Steering Committee
Host University: Chulalongkorn University, Thailand
Co-Director, ACM/ICPC Asia Region/Kuala Lumpur Steering Committee
Host University: IIUM, Malaysia
Co-Director, ACM/ICPC Asia Region/Jakarta Steering Committee
Host Binus University, Indonesia
Co-Director, ACM/ICPC Asia Region/Beijing Steering Committee,
Host University: Beijing Normal University, China
Co-Director, ACM/ICPC Asia Region/Anshan Steering Committee
Host University: University of Science and Technology Liaoning, China
Co-Director, ACM/ICPC Asia Region/Mudanjiang Steering Committee
Host University: Mudanjiang Normal University, China
Co-Director, ACM/ICPC Asia Region/Xian Steering Committee
Host University: Northwestern Polytechnical University, China
Co-Director, ACM/ICPC Asia Region/Shanghai Steering Committee
Host University: Shanghai University, China
Co-Director, ACM/ICPC Asia Region/Guangzhou Steering Committee
Host University: South China University of Technology, China
Co-Director, ACM/ICPC Asia Region/Tehran Committee
Host University: Sharif University of Technology, Iran
Co-Director, ACM/ICPC Asia Region/Dhaka Committee
Host University: Bangladesh Unive of Technology & Business, Bangladesh
Co-Director, ACM/ICPC Asia Region/Lahore Committee
Host University: FAST - National University of Computer & Emerging Sciences, Pakistan
Co-Director, ACM/ICPC Asia Region/Gwalior Committee
Host University: Atal Bihari Vajpayee-
Indian Institute of Information Technology and Management, India
Co-Director, ACM/ICPC Asia Region/Kharagpur Committee
Host University: Indian Institute of Technology Kharagpur, India
Co-Director, ACM/ICPC Asia Region/Amritapuri Committee
Host University: Amrita University

(e) Directing the organization and contest activities for provincial, invitational, multi-provincial, and national programming contests – a total of 30 local contests.

(f) Created 16 Asia Contests and Supervised the 16 Asia Contest Committees in 16 Asian universities who hosted the contest committees. (Also created and supervised 30 provincial and national contests in Asia. My world class scholarly service benefits more than 200,000+ students in Asia per year.)
The following are for 2012 Asia Regional level only:

ACM/ICPC Asia Region/Chengdu Steering Committee
Host Chengdu NewSoft University, P. R. China
ACM/ICPC Asia Region/Amritapuri Steering Committee
Host University: Amrita University, India
ACM/ICPC Asia Region/Tokyo-Japan Steering Committee

Host University: Tokyo Institute of Technology, Japan
ACM/ICPC Asia Region/Kanpur Steering Committee
Host University: Indian Institute of Technology Kanpur
ACM/ICPC Asia Region/Tianjin Steering Committee
Host University: Tianjin University, P. R. China
ACM/ICPC Asia Region/Jinhua Steering Committee
Host Zhejiang Normal University, P. R. China
ACM/ICPC Asia Region/Hanoi Steering Committee,
Host University: Hanoi University of Industry, Hanoi, Vietnam
ACM/ICPC Asia Region/Seoul Steering Committee
Host University: Korea Advanced Institute of Science Technology
ACM/ICPC Asia Region/Kaohsiung Steering Committee
Host University: National Sun Yat-sen University, Taiwan
ACM/ICPC Asia Region/Dhaka Steering Committee
Host University: Daffodil International University, Bangladesh
ACM/ICPC Asia Region/Tehran Steering Committee
Host University: Sharif University of Technology, Iran
ACM/ICPC Asia Region/Hatyai Steering Committee
Host University: Prince Songkla University Hatyai, Thailand
ACM/ICPC Asia Region/Changchun Committee
Host University: Northeast Normal University, China
ACM/ICPC Asia Region/Hanzhou Committee
Host University: Hangzhou Sci-Tech University, China
ACM/ICPC Asia Region/Jarkata Committee
Host University: Binus University, Phillipines
ACM/ICPC Asia Region/Khragpur Committee
Host University: India Institute of Technology Kharagour, India

b. The following are only for 2011:

Co-Director, ACM/ICPC Asia Region/Chengdu Steering Committee
Host Chengdu NewSoft University, P. R. China
Co-Director, ACM/ICPC Asia Region/Amritapuri Steering Committee
Host University: Amrita University, India
Co-Director, ACM/ICPC Asia Region/Fukuoka-Japan Steering Committee
Host University: Kyushu University, Ito Campus, Japan
Co-Director, ACM/ICPC Asia Region/Kanpur Steering Committee
Host University: Indian Institute of Technology Kanpur
Co-Director, ACM/ICPC Asia Region/Beijing Steering Committee
Host University: Beijing Univ of Post and Communication, P. R. China
Co-Director, ACM/ICPC Asia Region/Shanghai Steering Committee
Host Fudan University, P. R. China
Co-Director, ACM/ICPC Asia Region/Kuala Lumpur Steering Committee,
Host University: Intenational Islamic University of Malayisa
Co-Director, ACM/ICPC Asia Region/Seoul Steering Committee
Host University: Korea Advanced Institute of Science Technology
Co-Director, ACM/ICPC Asia Region/Hsinchu Steering Committee
Host University: Chung HuaUniversity, Hsinchu, Taiwan
Co-Director, ACM/ICPC Asia Region/Dhaka Steering Committee
Host University: North South University, Bangladesh
Co-Director, ACM/ICPC Asia Region/Tehran Steering Committee
Host University: University of Tehran, Iran

Co-Director, ACM/ICPC Asia Region/Phuket Steering Committee
Host University: Prince Songkla University Phuket, Thailand
Co-Director, ACM/ICPC Asia Region/Dalian Committee
Host University: Dalian University of Technology, China
Co-Director, ACM/ICPC Asia Region/Fuzhou Committee
Host University: Fuzhou Normal University, China
Co-Director, ACM/ICPC Asia Region/Manila Committee
Host University: Ateneo de Manila University, Phillipines

The following are only for year 2010:

Co-Director, ACM/ICPC Asia Region/Chengdu Steering Committee
Host University: SiChuan University, P. R. China
Co-Director, ACM/ICPC Asia Region/Amritapuri Steering Committee
Host University: Amrita University, India
Co-Director, ACM/ICPC Asia Region/Tokyo-Japan Steering Committee
Host University: National Institute of Informatics, Japan
Co-Director, ACM/ICPC Asia Region/Kanpur Steering Committee
Host University: Indian Institute of Technology Kanpur
Co-Director, ACM/ICPC Asia Region/Tianjing Steering Committee
Host University: Tienjian University, P. R. China
Co-Director, ACM/ICPC Asia Region/Hangzhou Steering Committee
Host University: Hangzhou University of S &T, P. R. China
Co-Director, ACM/ICPC Asia Region/Kuala Lumpur Steering Committee,
Host University: International Islamic University of Malayisa
Co-Director, ACM/ICPC Asia Region/Seoul Steering Committee
Host University: Korea Advanced Institute of Science Technology
Co-Director, ACM/ICPC Asia Region/Kaohsiung Steering Committee
Host University: National Sun Yet-Sen University, Taiwan
Co-Director, ACM/ICPC Asia Region/Dhaka Steering Committee
Host University: Noth South University, Bangladesh
Co-Director, ACM/ICPC Asia Region/Tehran Steering Committee
Host University: Shariff University of Technology, Iran
Co-Director, ACM/ICPC Asia Region/Hanoi Steering Committee
Host University: Vietnam Association for Information Processing
Co-Director, ACM/ICPC Asia Region/Harbin Committee
Host University: Harbin Engineering University, China
Co-Director, ACM/ICPC Asia Region/Fuzhou Committee
Host University: Fuzhou University, China
Co-Director, ACM/ICPC Asia Region/Jakarta Committee
Host University: Binus University, Indinesia

c. The following are only for year 2009:

Co-Director, ACM/ICPC Asia Region/Ningbo Steering Committee
Host University:Ningbo Institute of Tech, Zhejiang Univ, P. R. China
Co-Director, ACM/ICPC Asia Region/Amritapuri Steering Committee
Host University: Amrita University, India
Co-Director, ACM/ICPC Asia Region/Tokyo Steering Committee
Host University: Waseda University, Japan
Co-Director, ACM/ICPC Asia Region/Gwalior-Kanpur Steering Committee
Host University: IIITM Gwalior and Indian Institute of Technology Kanpur
Co-Director, ACM/ICPC Asia Region/Wuhan Steering Committee
Host University: Wuhan University, P. R. China
Co-Director, ACM/ICPC Asia Region/Shanghai Steering Committee
Host University: Donghua University, P. R. China
Co-Director, ACM/ICPC Asia Region/Manila Steering Committee,
Host University: Ateneo de Manila University

Co-Director, ACM/ICPC Asia Region/Seoul Steering Committee
Host University: Korea Advanced Institute of Science Technology
Co-Director, ACM/ICPC Asia Region/Hsinchu Steering Committee
Host University: National Chiao Tung University, Taiwan
Co-Director, ACM/ICPC Asia Region/Dhaka Steering Committee
Host University: Noth South University, Bangladesh
Co-Director, ACM/ICPC Asia Region/Tehran Steering Committee
Host University: Shariff University of Technology, Iran
Co-Director, ACM/ICPC Asia Region/Phuket Steering Committee
Host University: Prince of Songkla University, Phuket Campus
Co-Director, ACM/ICPC Asia Region/Harbin Committee
Host University: Harbin Institute of Technology, China
Co-Director, ACM/ICPC Asia Region/Hefei Committee
Host University: University of Science and Technology of China, China
Co-Director, ACM/ICPC Asia Region/Jakarta Committee
Host University: Binus University, Indinesia

d. The following are for years prior to 2009:

2008 - Present Co-Director ACM-ICPC Asia Harbin Steering Committee
Host University: Harbin Engineering University
2008 - Present Co-Director ACM-ICPC Asia Jakarta Steering Committee
Host University: Binus University
2008 - Present Co-Director ACM-ICPC Asia Hefei Steering Committee
Host University: University of Science and Technology of China
2008 - Present Co-Director ACM-ICPC Asia Hangzhou Steering Committee
Host University: Hangzhou Dianzi University
2007 – Present Co-Director ACM-ICPC Asia Danang Steering Committee
Host University: University of Danang
2007 - Present Co-Director ACM-ICPC Asia ChangChun Steering Committee
Host University: Jilin University
2007- Present Co-Director, ACM/ICPC Asia Region/Nanjing Steering Committee
Host University: Nanjing University of AA, China
2006 – Present Co-Director, ACM-ICPC Asia Hanoi Steering Committee
Host University: National University of Vietnam Hanoi
2005 - Present Co-Director, ACM/ICPC Asia Region/Hanzhou ZheJiang U Steering Committee
Host University: ZheJiang University
2005 - Present Co-Director, ACM/ICPC Asia Region/ChengDu Sichuan U Steering Committee
Host University: Sichuan University, Xihua University, Southwest University of Nationalities
2005 - Present Co-Director, ACM/ICPC Asia Region/Coimbatore AMRITA Vishwa Vidyapeetham (University)U Steering Committee
Host University: AMRITA Vishwa Vidyapeetham (University)
2005 - Present Co-Director, ACM/ICPC Asia Region/Tokyo Tokyo University of Technology Steering Committee, Host University: Tokyo University of Technology, Tokyo University
2005 - Present Co-Director, ACM/ICPC Asia Region/Manila Ateneo de Manila U Steering Committee Host University: Ateneo de Manila University
2005 April Co-Director, ACM/ICPC 2005 World Finals Shanghai
2004 - Present Co-Director, ACM/ICPC Asia Region/Shanghai SJTU Steering Committee
Host University: Shanghai Jiao Tong University, Shanghai University
2004 - Present Co-Director, ACM/ICPC Asia Region/Ehime-Japan Steering Committee
Host University: Ehime University
2003 – Present Co-Director, ACM/ICPC Asia Region/GuanZhou Steering Committee
Host University: ZhongShan University
2003 - Present Co-Director, ACM/ICPC Asia Region/Bombay Steering Committee
Host University: Indian Institute of Technology Bombay
2003 – Present Co-Director, ACM/ICPC Asia Region/Aizu-Japan Steering Committee
Host University: University of Aizu

2003 - Present Co-Director, ACM/ICPC Asia Region/Kolkata Steering Committee
Host University: Indian Institute of Technology Kanpur
2002 - Present Co-Director, ACM/ICPC Asia Region/Beijing Steering Committee
Host University: Tsinghua University, Beihang University, Peking University, Beijing Jiao Tong University
2002 - Present Co-Director, ACM/ICPC Asia Region/XiAn Steering Committee
Host University: Xi'An Jiaotong University
2002 - Present Co-Director, ACM/ICPC Asia Region/Manila Steering Committee
Host University: University of Asia and the Pacific
2002 - Present Co-Director, ACM/ICPC Asia Region/Kanazawa-Japan Steering Committee
Host University: Kanazawa Institute of Technology
2001 - Present Co-Director, ACM/ICPC Asia Region/Hakodate-Japan Steering Committee
Host University: Future University
2000 - Present Co-Director, ACM/ICPC Asia Region/Tsukuba-Japan Steering Committee
Host University: Tsukuba University
2000 - Present Co-Director, ACM/ICPC Asia Region/Hong Kong Steering Committee
Host University: Chinese University of Hong Kong
2000 - Present Co-Director, ACM/ICPC Asia Region/Singapore Steering Committee
Host University: Nanyang Technological University, National University of Singapore
2000 - Present Co-Director, ACM/ICPC Asia Region/Taejon-Korea Steering Committee
Host University: Korea Advanced Institute of Science and Technology
2000 - Present International Steering Committee, ACM/ICPC World Finals
1999 - Present Co-Director, ACM/ICPC Asia Region/Kyoto-Japan Steering Committee
Host University: Kyoto University
1999 - Present Co-Director, ACM/ICPC Asia Region/Kanpur-India Steering Committee
Host University: Indian Institute of Technology/ Kanpur
1999 - Present Co-Director, ACM/ICPC Asia Region/Tehran-Iran Steering Committee
Host University: Sharif University of Technology
1998 - Present Co-Director, ACM/ICPC Asia Region/Tokyo-Japan Steering Committee
Host University: Waseda University, University of Tokyo, Tokyo Institute Of Technology, Tokyo University of Technology
1997 - Present Co-Director, ACM/ICPC Asia Region/Dhaka-Bangladesh Steering Committee
Host Universities: Bangladesh University of Engineering and Technology, North South University, East West University
1996 - Present Co-Director, ACM/ICPC Asia Region/Kaohsiung Steering Committee
Host University: National Sun Yet-Sen University
1996 - Present Co-Director, ACM/ICPC Asia Region/Shanghai Steering Committee
Host University: Shanghai University, Shanghai Jiao Tong University
1995 - Present Co-Director, ACM/ICPC Asia Region/Taipei Steering Committee
Host Universities: National Taiwan University, National Cheng-Chi University, National Taiwan Normal University
1994 - Present Steering Committee, ACM/ICPC World Finals
1992 - 1992 Founder of Asia Region, ACM/International Collegiate Programming Contest (ICPC)
1992 – Present Director of Asian Contests, ACM/ICPC
1990 – 1991 Conference Chair, ACM/Computer Science Conference 91, SIGCSE Symposium 91, and ACM Annual Conference 91, San Antonio, Texas
1988 - 1993 Steering Committee, ACM/CSC Conference

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