Ajayi Anwansedo, PhD

I. Academic/Professional Background

Name: Ajayi Anwansedo Title: PhD

Educational Background

Degree	Year	University	Major
MBA	*2024*	*Southern University and A&M*	MBA (Completed 18 Credit Hrs.)
PhD	*2021*	*Southern University and A&M*	Science and Math Education
MSc	*2008*	*University of East London*	Business and Information Systems
BSc	*2005*	*Benson Idahosa University*	Computer Science

University Experience

Position	University	Dates
Professor of Instruction in Artificial Intelligence	Texas State University	2026-till date
Postdoc and Project Lead	Texas State University	2024-2025
Per-Course Lecturer	Texas State University	2024-2025
Teaching Assistant	Southern University and A&M	2022-2024
Graduate Researcher and Graduate Assistant	Southern University and A&M	2016-2021
Assistant Professor	Covenant University	2013-2015

Relevant Professional Experience

Position	Company	Dates
SIAM Science Policy Fellow	SIAM	2026-2027
Associate Learning and Change Consultant	IBM	2022-2023
Coordinator, Director's Apprenticeship Program	Lawrence Berkeley National Lab	2020
Project Manager	Lawrence Berkeley National Lab	2020
Trainee Planning/Research Administrator	Strategic Planning Department, University of East London, UK	2008

Artificial Intelligence Certifications

Certification Name	Issuing Organization	Date Awarded

Generative AI for Executives and Business Leaders GenAI for Executives & Business Leaders: An Introduction GenAI for Execs & Business Leaders: Integration Strategy GenAI for Execs & Business Leaders: Formulate Your Use Case	IBM	2025
Generative AI Leadership & Strategy Generative AI for Leaders Prompt Engineering for ChatGPT Trustworthy Generative AI	Vanderbilt University	2025
Generative AI for Project Managers Specialization Generative AI: Introduction and Applications Generative AI: Prompt Engineering Basics Generative AI: Unleash Your Project Management Potential	IBM	2025
Generative AI for Educators Specialization Generative AI: Empowering Modern Education	IBM	2025

Other Professional Credentials
Project Management Professional (PMP)
SAP Certified Application Associate-Business Process Integration SAP S/4 HANA
AWS Certified Cloud Practitioner
IBM Blue Core Mentor

IBM Consulting – Delivering Business Value
IBM Garage Foundation
IBM Agile Explorer
IBM Garage Essentials
Enterprise Design Thinking Practitioner
Oracle 10g Database Administrator
Prince2 Project Management

II. TEACHING

Courses Taught:

Texas State University Courses Taught	
ACCEYSS Community-Engaged, Participatory Action Program Evaluation in STEM Education	
Southern University and A&M Courses Taught	
Quantitative Analysis in Business	Logistics and Transportation Systems
International Marketing	Sports Marketing
Covenant University	
Knowledge Management	Software Analysis and Design
Management Information Systems (MIS)	Decision Support Systems

Directed Student Learning
Undergraduate student thesis advisement

Courses Prepared and Curriculum Development:

1. Developed Scratch and Unity Curriculum
2. Contributed to course content for the ACCEYSS Community-Engaged, participatory Action Program Evaluation in STEM Education
3. Contributed to the development of the Python version of the Social Network Analysis Model of the NSF-Funded Learning Analytics in STEM Education Research (LASER) Institute Curriculum
4. Co-created enablement, web-based training (WBT), quick response guides (QRG), and recruitment resources using SAP Enable Now.
5. Co-developed Berkeley lab curriculum python for data analysis and machine learning
6. Co-developed Curricula for Sports Marketing
7. Co-developed Curricula for International Marketing
8. Co-developed Curricula for Logistics and Transportation Systems
9. Co-developed course content for Knowledge Management
10. Co-developed course content for Software Analysis and Design
11. Co-developed course content for Decision Support Systems

Teaching Professional Development Activities Attended

1. Teaching Online at Texas State course (TOTs)
2. Mathematics Teacher: Learning and Teaching (MTLT) 5-Day Virtual Writing Boot Camp
3. Scholarship and Teaching Excellence Program (STEP)
4. AI workshops
5. 2025 Teaching with AI Conference University of Guelph
6. AI for everyday teaching: getting started with Gemini & NotebookLM
7. Academic Integrity and AI in Today's Classroom: Q&A with the Honor code council

III. SCHOLARLY/CREATIVE

Dissertation
Equity in Computer Science: Impact of School Factors on Advanced Placement Computer Science, A Ekuase-Anwansedo, Southern University and Agricultural and Mechanical College (PhD Dissertation)

Copyright Registration
Software/Curriculum
Hales, Laurel, Bose, Baishakhi, McCarty, Rachel, Anwansedo, Ajayi, Usovich, Kseniya, Palos, Karla, Van Dunsen, Eric, Acosta, Ciara, Miller, Sage, Prakash, Anand Krishnan, Bettale, Alisa, Murthy, Sam, Kingsbury, Ryan, Greenblum, Sharon, Formenti, Arianna, Ganose, Alex, & Cheng, Jianli. (2025, October 27). BLDAP Intro to Python/Data Science Curriculum v1. [Computer software]. https://github.com/LBNLnext/BLDAP-Python-Data-Science. https://doi.org/10.11578/dc.20251031.2.

Conference Proceedings:

1. Ekuase-Anwansedo, A. (2022, March). The Use of Learning Management Systems and Covid-19: Perceptions in the Last two Years. In Proceedings of the 2022 ACM SIGUCCS Annual Conference (pp. 2-2).
2. A Anwansedo (2021, November) Impact of School Social Economic Status (SES) on Advanced Placement (AP) Computer Science (CS) in the State of Louisiana. Proceedings of the 2019 annual meeting of the Mid-South Educational Research Association
3. Anwansedo, A. & Smith, A. (2019). Computer Science Education in High Schools: A Literature Review. Proceedings of the 2019 annual meeting of the Mid-South Educational Research Association.

Refereed Conference Proceedings:

1. Manly, C. A., Anwansedo, A., Atha, M., Castellanos-Reyes, E., Culbreth, D., Lee, H. R., Moreno, M., Mushi, D., Ocak, C., Ottmar, E., Pham, S., Shi, Y., & Wright, (2026). Advancing Learning Analytics Instruction in the Classroom (ALAC) [Workshop]. LAK26: 16th Learning Analytics and Knowledge Conference, Bergen, Norway.
2. Ekuase-Anwansedo, A., Kukde, R., Belcher, S., Zha, Y., Saha, A. K., Campbell-Montalvo, R., Roundtree Aimee, K., & Ashford-Hanserd, S. (2026). Exploring the role of community cultural wealth in undergraduate STEM major decision making: A qualitative narrative [Paper presentation]. 10th World Conference on Qualitative Research, Virtual.
3. Ekuase-Anwansedo, A. (2026, January). AI vs human supported qualitative data analysis: A comparative synthesis of research findings [Paper presentation]. 10th World Conference on Qualitative Research, Virtual
4. Ekuase-Anwansedo, A., Kukde, R., Belcher, S., & Ashford-Hanserd, S. (2026). Faculty perceptions on STEM success skills needed in STEM+C undergraduate degree programs: A focus group study [Paper presentation]. 10th World Conference on Qualitative Research, Virtual.
5. Ekuase-Anwansedo, A., & Smith, A. (2019, October). Effect of cloud-based learning management system on the learning management system implementation process. In Proceedings of the 2019 ACM SIGUCCS annual conference (pp. 176-179).
6. Ekuase-Anwansedo, A., Craig, S. F., & Noguera, J. (2018, September). How to survive a learning management system (LMS) implementation? A stakeholder analysis approach. In Proceedings of the 2018 ACM SIGUCCS annual conference (pp. 165-168).

7. Ekuase-Anwansedo, A., Noguera, J., & Dumas, B. (2017, October). Transitioning from Blackboard to Moodle amidst natural disaster: Faculty and students' perceptions. In Proceedings of the 2017 ACM SIGUCCS Annual Conference (pp. 19-22).
8. Impact of School Social Economic Status (SES) on Advanced Placement (AP) Computer Science (CS) in the State of Louisiana A Anwansedo 2021 MSERA Annual Meeting Proceedings New Orleans, LA

Non-refereed:

1. Faith-Based and Community Partnerships for Equitable STEM Access for Underrepresented Youth Paper presentation. CSTA Annual Conference 2025
2. Data Storytelling for K–12 Students with Tableau Paper presentation. CSTA Annual Conference 2025
3. Kids Talk AI: Student Voices in the World of Artificial Intelligence. Paper presentation. ISTELive Annual Conference 2025
4. AI Meets Project-Based Learning Paper presentation. CSTA Annual Conference, 2025
5. LiRi Little Projects for Elementary School Students, A Ajayi, A Eliora, A Sharon, International Society for Technology in Education ISTELive 2023
6. Recruiting, Retaining and Advancing Students in Computer Science A Anwansedo Computer Science Teachers Association 2023
7. Arts in Computer Science A Anwansedo Computer Science Teachers Association, 2023

Abstracts:

Computer Science Education in High Schools: A Literature Review, A Anwansedo, A Smith, 2019 MSERA Annual Meeting

Papers Presented at Professional Meetings:

Anwansedo, A., (2023, July). Arts in Computer Science. Computer Science Teachers Association (CSTA), Annual Conference, Virtual.
Anwansedo, A., (2023, July). Recruiting, Retaining and Advancing Students in Computer Science. Computer Science Teachers, Association (CSTA), Annual Conference, Virtual.

Invited Talks, Lectures, and Presentations:

Special Guest Speaker, Spring 2022 Joint Mentoring and Research Seminars, organized by The Next Generation Composites CREST Center (NextGenC3), The Louis Stokes Louisiana Alliance for Minority Participation (LS-LAMP), and The Timbuktu Academy, Southern University and A&M College-Baton Rouge, LA (SUBR)

ISTE Community Leader Speaker - International Society for Technology in Education (ISTE) Expert Webinar – Arts in Computer Science – 2023

4. Workshops:

Organized several workshops with the Baton Rouge Public library system on coding and tech education

Anwansedo, A. & Smith, A. (2019). Hands-On Workshop: Effective Search for Research Articles and Increase Research Article Visibility. Proceedings of the 2019 annual meeting of the Mid-South Educational Research Association

Media Recognition, Service Honors and Awards:

National Award - Aspirations in Computing Educator 2025
Affiliate Award – Aspirations in Computing Educator 2022
Affiliate Award – Aspirations in Computing Educator 2021

IV. SERVICE

Institutional

1. Represented the Department of Organization, Workforce, and Leadership Studies at the Texas Workforce Commission (TWC) 2025 Conference, leading workforce partner engagement and post-conference follow-up to advance alignment between OWLS online programs and Texas workforce systems, including initiating efforts toward inclusion on the Texas Eligible Training Provider List (ETPL) - 2025

Professional:

1. Community Leader - International Society for Technology in Education (ISTE)
2. Committee Member - Computer Science Teachers Association (CSTA) Awards
   Awards Managed
   a.) CSTA/ACM Cutler-Bell Prize
   b.) Computer Science (CS) Teachers Excellence Awards
3. Member, Society for Industrial and Applied Mathematics (SIAM) and member of the SIAM Data Science activity group.
4. Squad Leader - IBM Black Employees and Mentors (BEAM) Business Resource Group (BRG) Volunteer - AnitaB.org 2021- Present
5. Track Chair - ACM Special Interest Group on University and College Computing Services (SIGUCCS) Conference Committee 2019
6. Session Chair-ACM Special Interest Group on University and College Computing Services (SIGUCCS) Conference Committee 2018
7. AIESEC Leader of Delegation (LOD) - National Planning Conference 2003

Reviewer Experience

1. National Science Foundation (NSF) Panel Reviewer 2018 - Present
2. Associate Program Chair - Posters (Technical Symposium), SIGCSE 2026
3. Reviewer, Mathematics Teacher: Learning and Teaching Pre-K-12
4. Reviewer, CSTA K-12 Standards 2025 - Present
5. Reviewer, Education Sciences (MDPI) 2025-present
6. ISTE Book Reviewer (*Differentiation with AI and AI for School Leaders books)* 2024 - 2025
7. Frontiers for Young Minds, Mathematics and Economics Section - As a science mentor Mentored students, 12- and 13-year-old to review article titled "Game Theory—More Than Just Games - Published in the Nobel collection of the Frontiers for Young minds journal Written by Robert Aumann, who was awarded the Nobel Prize in Economic Sciences for his theory of repeated games. 2023
8. Journal of Computer Science Integration
9. Society of Women Engineers 2022
10. U.S. Department of Education G5 2018 - 2021
11. The Rural Educator Journal 2020
12. Computer Science Teachers Association (CSTA) 2021 – 2024
13. Society for Information Technology and Teacher Education (SITE) 2020

14. Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT) 2022

Community
Panel Member, Panel Discussion with Successful Women in STEM/STEAM/2025 Science, Technology, Engineering, Art and Math Conference 2025

Organization Memberships:

ACM – Association for Computing Machinery
CSTA – Computer Science Teachers Association
ISTE – International Society for Technology in Education
IEEE – Institute of Electrical and Electronics Engineers
AERA – American Educational Research Association
AnitaB
NCWIT – National Center for Women in Technology