TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Dayuan Chen Title: Ph.D. Candidate

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	2026	Texas State University	Computer Science	

C. University Experience

Position	*Date*	*University & Department*
Doctoral Instructional Assistant	2023.1-2025.12	Texas State University Computer Science

D. Relevant Professional Experience

Position	*Year*	*Company/Institution*
Software Dev Engineer	2022.2 - 2023.1	Amazon
Network Testing Engineer	2021.6 - 2021.12	Samsung Research America
Field Test Engineer	2020.12 – 2021.5	OnePlus North America

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):
3. Conference Proceedings:

a. Refereed Conference Proceedings:
Everman, Brad, Trevor Villwock, Dayuan Chen, Noe Soto, Oliver Zhang, and Ziliang Zong. "Evaluating the carbon impact of large language models at the inference stage." In 2023 IEEE international performance, computing, and communications conference (IPCCC), pp. 150-157. IEEE, 2023.

Song, Alexander, Dayuan Chen, and Ziliang Zong. "Unveiling the truth: An analysis of the energy and carbon footprint of training an OPT model using DeepSpeed on the H100 GPU." In Proceedings of the 14th International Green and Sustainable Computing Conference, pp. 36-38. 2023.

Chen, Dayuan, Noe Soto, Jonas F. Tuttle, and Ziliang Zong. "Understanding Multi-Dimensional Efficiency of Fine-Tuning Large Language Models Using SpeedUp, MemoryUp, and EnergyUp." In 2024 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW), pp. 929-937. IEEE, 2024.

Nasrin, Amina, Dayuan Chen, Noe Soto, and Ziliang Zong. "Promoting Green Coding in VS Code with GCPM: A Power Model for Heterogeneous Processors." In 2024 IEEE 15th International Green and Sustainable Computing Conference (IGSC), pp. 110-115. IEEE, 2024.

Nasrin, Amina, Dayuan Chen, and Ziliang Zong. "Cloud Power Meter: Bridging the Gap in Power Measurement for Heterogeneous Cloud." IEEE Transactions on Sustainable Computing (2025).