

Thomas P. Zeng

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EDUCATION

University of Wisconsin–Madison Ph.D. in Computer Science	Madison, WI 2023–current
University of Wisconsin–Madison M.S. in Computer Science	Madison, WI 2023–2025
Carleton College B.A. with Distinctions in CS and in Math, <i>magna cum laude</i>	Northfield, MN 2019–2023

EXPERIENCE

Capital One – AI Foundations Applied Research Intern	New York, NY Summer 2026
University of Wisconsin–Madison Research Assistant	Madison, WI 2025–current

PAPERS

- J. Kim, **T. Zeng**, Z. Lin, M. Lee, C. Lee, J.-y. Sohn, H. I. Koo, and K. Lee, “Transformers in the dark: Navigating unknown search spaces via bandit feedback”, in *Transactions on Machine Learning Research (TMLR)*, J2C Certification, 2026.
- C. Lee, **T. Zeng**, J. Jeong, J.-y. Sohn, and K. Lee, “How to correctly report LLM-as-a-judge evaluations”, in *Proceedings of the International Conference on Machine Learning (ICML)*, 2026.
- T. Zeng**, S. Zhang, S. Wu, C. Classen, D. Chae, E. Ewer, M. Lee, H. Kim, W. Kang, J. Kunde, *et al.*, “VersaPRM: Multi-domain process reward model via synthetic reasoning data”, in *Proceedings of the International Conference on Machine Learning (ICML)*, Oral, 2025.
- E. Ewer, D. Chae, **T. Zeng**, J. Kim, and K. Lee, “ENTP: Encoder-only next token prediction”, in *Transactions on Machine Learning Research (TMLR)*, J2C Certification, 2025.
- A. Clinton, **T. Zeng**, Y. Chen, X. Zhu, and K. Kandasamy, “A Cramér-von Mises approach to incentivizing truthful data sharing”, in *Proceedings of the Conference on Neural Information Processing Systems (NeurIPS)*, 2025.
- B. Aoki-Sherwood, C. Bregou, D. Liben-Nowell, K. Tomlinson, and **T. Zeng**, “When the universe is too big: Bounding consideration probabilities for Plackett-Luce rankings”, in *Proceedings of the International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2025.
- N. Fitzhugh, A. Schondorf, S. Shrestha, S. V. P. Fallon, and **T. Zeng**, “A model for horizontally restricted random square-tiled surfaces”, *arXiv preprint arXiv:2408.14041*, 2024.
- T. Zeng**, E. Furst, Y. Wang, R. Tchoua, J. Furst, and D. Raicu, “No nodule left behind: Evaluating lung nodule malignancy classification with different stratification schemes”, in *Medical Imaging 2023: Computer-Aided Diagnosis*, SPIE, 2023.

TEACHING

- **Teaching Assistant** Spring 2024, Fall 2024
Programming III (CS 400, UW-Madison)
- **Teaching Assistant** Fall 2023
Discrete Math (CS 240, UW-Madison)
- **Teaching Assistant** Fall 2022, Winter 2023, Spring 2023
Computability and Complexity (CS 254, Carleton College)
- **Teaching Assistant** Winter 2022
Programming Languages (CS 251, Carleton College)
- **Lab Assistant & Grader** Fall 2021, Spring 2022
Data Structures (CS 201, Carleton College)

SERVICE

- **Reviewer** 2025
NeurIPS

HONORS & AWARDS

- IFDS Research Assistantship Award Spring & Fall 2025
- Phi Beta Kappa 2023
- Sigma Xi 2023