Youze "Hargen" Zheng

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EDUCATION	**University of California, San Diego**	2022–2026

B.S. in Data Science & B.S. in Mathematics-Computer Science
Capstone: Open LLM Training, Inference, and Infrastructure, Advisor: Hao Zhang

Relevant Coursework: LLM Systems[†], Deep Learning[†], ML Algorithms[†], Convex Optimization[†], ML for Music[†], Recommender Systems[†], Statistical NLP, Scalable ML   [†]Graduate Level

RESEARCH EXPERIENCE

Laboratory for Emerging Intelligence   San Diego, CA
Research Assistant   Apr 2024–Present
Research Advisors: Ramamohan Paturi, Leon Bergen

Faculty Mentor Program   San Diego, CA
Student Researcher   Oct 2023–Apr 2024
Research Advisor: Justin Eldridge

PUBLICATIONS

[1] Single-Pass Document Scanning for Question Answering [Paper] [Code]
Weili Cao*, Jianyou Wang*, **Youze Zheng***, Longtian Bao*, Qirui Zheng,
Taylor Berg-Kirkpatrick, Ramamohan Paturi, Leon Bergen
Conference on Language Modeling (COLM), 2025.
Oral Spotlight Presentation (Top 5%)

[2] Measuring Risk of Bias in Biomedical Reports: The RoBBR Benchmark [Paper] [Code]
Jianyou Wang*, Weili Cao*, Longtian Bao, **Youze Zheng**, Gil Pasternak, Kaicheng Wang,
Xiaoyue Wang, Ramamohan Paturi, Leon Bergen
Empirical Methods in Natural Language Processing (EMNLP), 2025.

TEACHING EXPERIENCE

Teaching Assistant
• CSE 151A (Prof. Sanjoy Dasgupta). *Introduction to Machine Learning*   Spring 2025
• CSE 151B (Prof. Gary Cottrell). *Deep Learning*   Winter 2025
• DSC 10 (Dr. Janine Tiefenbruck). *Principles of Data Science*   Fall 2024
• DSC 20 (Dr. Marina Langlois). *Data Structures for Data Science*   Fall 2023 – Summer 2024
Instructional Assistant
• LIGN 167 (Prof. Leon Bergen). *DL for Natural Language Understanding*   Fall 2024

ACADEMIC SERVICES

• Community Mentor, DeepLearning.AI   Jan 2024 - Apr 2024
• Note-Taking Volunteer for Students with Disabilities, UC San Diego   Sep 2023 - Dec 2023

CERTIFICATIONS

[1] Deep Learning Specialization, DeepLearning.AI [Certificate]

[2] Machine Learning Specialization, DeepLearning.AI [Certificate]