

ANDREW YINGXI ZHAO

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EDUCATION

Harvard University

Sep. 2025-Dec. 2026

M.S. in Data Science, School of Engineering and Applied Sciences

University of California, San Diego

Sep. 2021-Mar. 2025

B.S. in Data Science / Major GPA: 4.0/4.0

B.A. in Economics (Highest Distinction) / Major GPA: 3.95/4.0

Cumulative GPA: 3.874

Relevant Courses: Advanced Programming, Software Tools; Data Management, Distributed Systems; Machine Learning, Deep Learning, Recommender Systems; Advanced Algorithms, Optimization; Data Visualization

RESEARCH EXPERIENCE

Data Smith Lab

San Diego, CA

Research Assistant

Apr. 2024-Present

- Designed, implemented, and systematically tested a teaching method that lowers the barriers for novice data science students to use high-quality sketches to communicate privacy designs clearly and concisely
- Developed a universal graphical representation to support computer science and data science communities in articulating and exploring privacy-related design space
- Organized in-group update meetings, managed team workflow, coordinated brainstorming and feedback sessions

NEATLABS

San Diego, CA

Research Intern

Jul. 2023-Dec. 2023

- Performed pre-processing of signal data, EEG data, and time-series data
- Implemented unsupervised high-dimensional clustering techniques on collected daily habits data, successfully identifying patterns that contributed to a deeper understanding of the cognitive behavior of traumatized group

Economic Research Lab

San Diego, CA

Research Intern

Jun. 2023-Dec. 2023

- Conducted geospatial data pre-processing using Python and QGIS
- Developed an autonomous scraping script to quickly and resource-efficiently gather data on neighborhoods

PUBLICATION

“Teaching Data Science Students to Sketch Privacy Designs through Heuristics.”

Accepted to **IEEE S&P’25**

Jinhe Wen*, **Yingxi Zhao***, Wenqian Xu*, Yaxing Yao, Haojian Jin

WORK EXPERIENCE

University of California, San Diego

San Diego, CA

Instructional Assistant - Macroeconomics

Sep. 2024-Dec. 2024

- Provided instructional support for 150+ students through regular office hours, review sessions, test grading and lecture material management

Instructional Assistant - Econometrics

Jan. 2024-Mar. 2024

- Provided instructional support for 100+ students through regular office hours and lecture material management

SKILLS

Language: Native in Chinese and English

Programming & ML Tools: Python, Java, C++, JavaScript, R, SQL

ML Frameworks: PyTorch, TensorFlow, Scikit-learn

Web Development: HTML/CSS, React, Node.js, Django

Visualization: Matplotlib, Tableau, Power BI

Systems & Platforms: AWS, Spark, Docker, Git, Node.js, MongoDB, PostgreSQL