

LANG MIN

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EDUCATIONS

Northeastern University.....Aug 2024 -- May 2026

Khoury College of Computer Sciences

Master of Science in Computer Science

- Relevant Course: Machine Learning, Data Mining, Algorithm, AI-Assisted Coding, Privacy/Security/Usability

The Ohio State University.....Aug 2020 -- May 2024

College of Engineering

Bachelor of Science in Computer Science and Engineering

- Relevant Course: Knowledge-based System, Software Engineering, Mobile App Development, Data Structure

WORK EXPERIENCE

Xuzhi Technology (Hangzhou).....Apr 2024 -- Jul 2024

AI Research Assistant Internship -- Remote (part-time)

- Preprocessed datasets for language model evaluation, ensuring data quality and consistency across test cases
- Evaluated 9 large language models via API integration, testing performance on language comprehension and reasoning tasks
- Debugged runtime errors, documenting comparative performance metrics

ACADEMIC PROJECTS

Quantum Material Research Tool Development.....Spring 2026

- Built a full-stack web app (FastAPI + Next.js 15 / React / TypeScript) using AI-assisted coding techniques, turning a research notebook into a deployable interactive tool, with a layered backend separating routers, core compute, and Pydantic-validated schemas
- Implemented an async job system with polling-based REST endpoints (POST to enqueue, GET /jobs/{id} to track status) so long-running optimization tasks run in the background without blocking requests
- Delivered a typed Plotly.js frontend backed by a shared REST client, and Dockerized the backend for cloud deployment (Railway + Vercel)

Machine Learning Model Prediction.....Autumn 2025

- Collaborated with a peer to analyze Tinder public dataset, building and comparing predictive models (Neural Networks, KNN, Linear Regression, Random Forest) to forecast user match counts
- Divided responsibilities for data preprocessing, model implementation, and performance evaluation, demonstrating effective teamwork and technical communication

CFPB Redaction Quality Evaluation.....Autumn 2025

- Led a team of 4 students to develop a procedure to exam the quality of Consumer Financial Protection Bureau (CFPB)'s privacy redaction for its users with LLM
- Managed project timeline and delegated tasks; facilitated weekly team meetings and resolved technical blockers; led in all the presentations

Software App Design for Self-driving Service.....Autumn 2023

- Led a team of 4 in a plan-driven design of a ride-sharing application for autonomous vehicles, owning estimation, risk management, and on-time delivery
- Authored use cases and functional/non-functional requirements and designed the subsystem architecture, informed by domain and value-chain analysis

Full Stack Air Travel Planner.....Spring 2025

- Designed and developed a full-stack air travel planner using React and JavaScript, enabling users to search and compare multi-destination flight combinations
- Deployed scalable backend and data storage solution using Firebase to support real-time data synchronization