

LANG MIN

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EDUCATION

Northeastern University.....**August 2024 -- May 2026**

Khoury College of Computer Science

Master of Science in Computer Science

- Relevant coursework: Machine Learning, Data Mining, Algorithms, AI-assisted Coding, Privacy & Usability

The Ohio State University.....**August 2020 -- May 2024**

College of Engineering

Bachelor of Science in Computer Science and Engineering

- Relevant coursework: Software Engineering, Mobile App Development, Knowledge-based Systems

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript/TypeScript
- **Frameworks/Libraries:** NumPy, Pandas, scikit-learn, Matplotlib, PyTorch, React, Next.js
- **Tools & Platforms:** Colab, Jupyter Notebook, Docker, Git, REST APIs, FastAPI, Railway, Vercel
- **Databases:** PostgreSQL, SQL, Supabase
- **Concepts:** ML fundamentals, OOP, async programming, Data structures & algorithms

WORK EXPERIENCE

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

AI Research Assistant Internship -- Remote

- Preprocessed datasets with text content for language model evaluation, ensuring data quality and consistency across test cases
- Developed a Python-based evaluation pipeline integrating APIs from 9 large language models, automating benchmark execution and performance analysis on language comprehension and reasoning tasks
- Diagnosed and fixed runtime failures in the process, documenting comparative performance metrics

SOFTWARE PROJECTS

CFPB Redaction Quality Evaluation.....**Autumn 2025**

- Built a fault-tolerant LLM pipeline (Python, Gemini 2.5 Flash) that classified 23,703 CFPB complaints (~4.5M words) for residual PII, with checkpoint and rate-limit handling
- Manually built a 460-example validation set and applied precision-based statistical correction to raw flags provided by LLM to estimate true leaks
- Managed project timeline and delegated tasks as the team leader; facilitated weekly team meetings and resolved technical blockers; presented at all project reviews

Machine Learning Model Prediction.....**Autumn 2025**

- Built a scikit-learn regression pipeline predicting dating-app match counts from 29 features across 1,209 users; benchmarked neural network, Random Forest, KNN, and linear models
- Collaborated with a peer for data preprocessing, model implementation, and performance evaluation, demonstrating effective teamwork and technical communication

Full-Stack Trip-Planning Web App.....**Spring 2026**

- Designed and deployed a production trip-planning web app on Vercel + Railway + Supabase with JWT/bcrypt auth, Zod validation, and a documented 10-endpoint REST API
- Engineered a real-time departure planning system using HERE Routing and Transit APIs to calculate optimal "leave-by" times for driving and public transit; implemented background jobs for API quota-aware ETA refresh and Web Push departure alerts
- Wrote 147 tests to 82.5% coverage and built a 4-stage GitHub Actions CI pipeline (lint, ephemeral-Postgres integration tests, coverage, security audit)