HONGJI SHI

Software Engineer

✉ shihongji21@gmail.com | 📞 (669)308-9628 | 📍 Bay Area | in LinkedIn | 🖼 Portfolio

WORK EXPERIENCE

Teaching Assistant, Advanced Techniques with LLMs

Northeastern University

2024.09 - Present   San Jose, CA

- Assist professor in preparing and delivering course materials.
- Lead weekly discussions and grade assignments.

Java Developer Intern

Hirain Technologies

2024.05 - 2024.08   Beijing, China

- Engineered and enhanced automotive industry testing software based on Eclipse RCP framework, executing significant code refactoring to improve functionality and efficiency of key features.
- Developed an automated testing framework (plugin for RCP) using SWTBot, transforming manual smoke tests into automated processes and reducing the testing time from days to hours.

Developer for Digital Marketing Apps

Hyundai

2017.05 - 2022.12   Beijing, China

- Conceptualized, developed, and managed a WeChat-based app for Hyundai's electric vehicle lead generation campaign, achieving a 20% market share of the leads.
- Developed gamified mini-programs for event marketing and lead generation, and created marketing tools including web scrapers to streamline digital marketing workflows.

PROJECTS

AI-powered Sport Analysis APP

Startup Collaboration on Demo Development

2024.08 - Present   Remote

- Spearheaded the exploration and implementation of computer vision techniques using YOLO for real-time player tracking and movement analysis in basketball games.
- Develop and integrate LLM-based modules for advanced game strategy analysis.

SV Hacker's Club Campus Forum Development

2023.03 - 2023.09   San Jose, CA

- Developed a campus forum prototype using Django, winning a campus hackathon.
- Led frontend and backend teams to redevelop and launch the web app using React and Node.js on AWS.

CAREER OBJECTIVE

Aspiring Software Engineer transitioning from digital marketing, seeking to leverage diverse experiences and technical skills in a dynamic tech environment. Committed to continuous improvement and focused on developing efficient, robust solutions.

EDUCATION

Master of Science

Northeastern University
Information Systems
2023.01 - Present   San Jose, CA

Master of Science

University of Science and Technology Beijing
Materials Science
2014.09 - 2017.01   Beijing, China

Bachelor of Science

University of Science and Technology Beijing
Materials Science
2010.09 - 2014.06   Beijing, China

SKILLS

- Java
- Python
- Node.js
- React
- Django
- SQL
- NoSQL
- Docker
- GCP/AWS
- LLM
- YOLO
- Eclipse RCP
- Git
- Testing
- Terraform
- Packer
- Load balancing
- CI/CD