HONG AN TRAN

📞714-719-6372 | ✉ hongantran3804@gmail.com| 💼 LinkedIn| ⭕ Github | 💼 Portfolio

SKILLS

- C++, Python, Java, Javascript, Typescript, Git, HTML/CSS
- AWS, Google APIs, ReactJS, NodeJS, NextJS, TailwindCSS, MongoDB, Prisma, PostgreSQL, Selenium, Stripe

WORK EXPERIENCE

Software Engineer Intern - AI/ML   09/ 2024 –

PM Accelerator   Tallahassee, FL

- Developed a mock interview platform with trained AI models using ReactJS, NodeJS, and Python.
- Boosted PostgreSQL performance by 80% using Redis caching for frequent queries and session management.
- Built text-to-speech and speech-to-text APIs with MeloTTS and Whisper, achieving 4.5/5 naturalness rating and 95% transcription accuracy.
- Collaborated with data science team to develop AI-powered interview feedback models achieving 95%+ accuracy, resulting in improved user performance and interview preparation.

Software Engineering Intern   05/ 2023 – 08/ 2023

Lacaco Wholesale   Huntington Beach, CA

- Developed an automatic tool for customer inquiries with Python, Gmail API, and AWS – EC2, resulting in a 50% reduction in response time.
- Achieved a 95%+ accuracy rate in email classification by prompting ChatGPT-based models, resulting in efficient work assignment to appropriate teams.
- Boosted operational efficiency by 20% with Python and Drive API, formatting vendor prices and distributing updated prices to the sales team.

PROJECTS

E-commerce Website   07/ 2024

Tech Stack: Javascript, NextJS, AWS, Google APIs, TailwindCSS, MongoDB, Prisma, Vercel, Stripe

- Developed an e-commerce platform for easy product search and purchase.
- Implemented Google Translate API and Google Maps APIs for multilingual shopping experiences and real-time order tracking.
- Integrated Google reCAPTCHA, NextAuth, and NodeMailer to establish robust user authentication, fortifying security measures.
- Leveraged AWS (CloudFront, S3) and Vercel for high rendering speed and a seamless user experience.
- Achieved high server efficiency with Prisma by optimizing MongoDB queries.

Link: HongAn-Eshop

LinkedIn Jobs Scraping   12/ 2023

Tech Stack: Python, Selenium, Streamlit, Machine Learning

- Used Selenium to gather 1,000+ software engineer and data science jobs from LinkedIn automatically.
- Created a dashboard for job analysis and salary prediction with 95% accuracy based on user data by Streamlit and Machine Learning.

Link: LinkedIn-Job

EDUCATION

Orange Coast College || Costa Mesa, CA   01/ 2023 – Present

A.S. Computer Science

Expected Graduation Date: May 2026

  Relevant Coursework: C++, Data Structures and Algorithms, Object-Oriented Programming, Python, Java, HTML/CSS, Javascript.