

EDUCATION

- **University of Washington** 09/2024-06/2026
Master in Electrical and Computer Engineering; GPA: 3.88/4.0 Seattle, WA
- **Yangzhou University** 09/2016-06/2020
Bachelor of Engineering in Software Engineering; GPA: 3.7/4.0 Jiangsu, China

WORK EXPERIENCE

- **Good Humans Inc.** 09/2025 – 06/2026
Fullstack Developer Intern
 - Coordinated product development with an outsourced application team, translating requirements into technical specifications and tracking progress against project milestones.
 - Led the end-to-end development of BabyMilu, a React Native mobile app built from scratch, implementing key user flows and Bluetooth-based device connectivity.
 - Engineered backend services in Python to support application data flow, API integrations, and LLM-powered functionality, using PostgreSQL, Firebase, and Google Cloud Platform (GCP) for data management, deployment, and production infrastructure.
- **City Chinese Medicine Hospital** 05/2021-03/2024
Information technician
 - Maintained and troubleshooted hospital IT systems, including networks, HIS/LIS platforms, printers, and other electronic equipment
 - Led implementation of new tech solutions by coordinating setup, training doctors, gathering feedback, and advising engineers
 - Automated patient data processing with Python scripts, replacing Excel workflows to improve reporting efficiency and data analysis
- **Mind PointEye(Yangzhou) Co.,Ltd** 09/2019-10/2020
Java Software Development Intern
 - Analyzed video data from cameras to help count pedestrians, processed numerous data about the quantities of people and pushed it to the front-end for display
 - Researched and built a back-end management system for YinMing Robot which is primarily used for classroom check-ins based on SpringBoot framework, Docker, MySQL as required
 - Conducted code reviews for other team members and suggested areas for refactoring or improvement

PERSONAL PROJECTS

- **Foodsai** 06/2025-08/2025
an AI-powered food management system to track inventory, predict expiration, and reduce waste
 - Developed a smart food management system using Python, LangGraph, TypeScript, and React for inventory tracking and category management
 - Integrated PaddleOCR with OpenAI APIs to extract text from image and infer enriched food details
 - Implemented features for consumption history tracking to reduce waste and improve convenience

ACADEMIC PROJECTS

- **Battery Data Standardization** 02/2025-05/2025
A cloud-based multimodal data ingestion platform for time series, cycling, and open-circuit battery data
 - Partnered with Astrolabe Analytics for EE 497(Capstone) course in creating a web application that assists data analysts to process battery dataset
 - Developed backend data processing pipelines using Pandas to standardize battery datasets from diverse sources, implementing multi-method column name mapping with techniques including rule-based logic, FuzzyWuzzy matching, and AI-based recognition, along with unit conversion, cycle segmentation, and missing data handling
 - Built a client-facing web portal with React, supporting administrator, client, company, project, and dataset management functionalities

TECHNICAL SKILLS

Programming: Java, Python, React, React Native, C/C++, Linux, SQL, Vue, JavaScript, TypeScript, CSS, HTML
Techniques: Git, Redis, Docker, MySQL, Spring, SpringBoot, FastAPI