

Qijie Yu

qijie25@berkeley.edu | +1 510-542-3685 | <https://www.linkedin.com/in/qijie-jerry-yu> | <https://github.com/QY-25123>

SUMMARY

M.S. Analytics student at UC Berkeley with software engineering and AI/ML experience, targeting technical customer-facing roles that combine solution design, product demos, and POC delivery. Experienced in translating ML, backend, and cloud systems into clear value for technical and non-technical stakeholders.

EDUCATION

University of California, Berkeley Aug. 2025 – Aug. 2026

M.S. in Analytics; GPA: 3.85/4.0

Coursework: Python in Analytics, Machine Learning and Data Analytics, Analysis and Design of Databases

East China University of Science and Technology, Shanghai, China Sep. 2021 – Jun. 2025

B.E. in Automation; GPA: 3.77/4.0

EXPERIENCE

Software Development Intern | Next.js, FastAPI, PostgreSQL, WebSocket San Francisco, CA, USA

Adas Eco

May. 2026 - Present

- Designed and built a real-time warehouse operations dashboard — modeled schema across forklifts, tasks, and alerts, implemented WebSocket event streaming, and delivered a live forklift map to improve visibility for operators
- Presented weekly demos to mentor and advisor, turning technical design into clear explanations of how the dashboard automates warehouse monitoring and how automated alerts improve on-floor safety

Software Engineer Intern | Spring Boot, MySQL, RabbitMQ, Redis, Nginx, Postman Shanghai, China

B-Soft Co., Ltd.

Jul. 2024 - Aug. 2024

- Clarified API requirements with frontend developers and documented Spring Boot endpoints with request/response schemas and JSON validation to support integration and testing
- Gathered feedback from hospital users to investigate slow page loading, traced the issue to bandwidth limits in static-resource delivery, and presented a higher-bandwidth server demo that reduced full-page load time from 2.5s to 1.5s
- Rebuilt the backend environment during server migration, configuring Nginx, Redis, RabbitMQ, and database services to support stable deployment on new hosts

Research Assistant | PyTorch, OpenCV, Vision Transformer, FastAPI, Docker Shanghai, China

Shanghai CDC – ECUST Joint Lab

Oct. 2023 - May. 2025

- Gathered CDC stakeholder requirements for an intelligent food-recognition system with a 90% accuracy target, then built deep learning models and delivered a demo across 20–201 food categories, achieving up to 96.5% accuracy
- Built and deployed a FastAPI + Docker demo on cloud infrastructure for CDC stakeholders to evaluate model performance and gather user feedback ahead of production deployment
- Flagged slow inference speed as a critical issue impacting user experience; re-architected from ViT to ViT-Slim achieving 2× speed improvement, and presented accuracy-speed trade-offs to stakeholders to align on final model selection

SELECTED PROJECTS

NegotiAI – Multi-Agent Negotiation Platform | <https://negoti-ai-multi-agent.vercel.app> May. 2025 – Present

- Built a customer-facing AI negotiation demo using FastAPI, PostgreSQL, and Claude API, allowing users to define target prices, delivery dates, and negotiation constraints
- Designed buyer-seller agent workflows that negotiate automatically, allow users to adjust target prices and deal thresholds, and generate contract drafts for both-party review and signing

SKILLS

- **Technical Stack:** Python, Java, SQL, FastAPI, Next.js, WebSocket, Kafka, REST APIs, Docker, AWS, GCP, Vercel
- **AI / ML:** OpenAI API, Claude API, LangChain, multi-agent systems, RAG, prompt engineering
- **Solutions Engineering:** technical discovery, requirements gathering, POC delivery, customer demos, API documentation, system integration, stakeholder communication, Jira, Zoom, Slack, Google Workspace
- **Languages:** Mandarin, English