

Jason Li

jasonli2446@gmail.com • (781) 201-1068 • linkedin.com/in/jasonli2446 • github.com/jasonli2446

EDUCATION

Case Western Reserve University | Cleveland, OH

Aug 2023 - May 2027

B.S. in Computer Science and Computer Engineering (Double Major), Econ & Math minor

GPA: 4.0/4.0

Honors & Awards: Dean's High Honors List (Every semester) | Tau Beta Pi Engineering Honor Society | Case Alumni Foundation Junior-Senior Scholarship (2025) | Frank L. Merat Prize Recipient (2025) | Tuition Exchange Scholarship (2023)

TECHNICAL SKILLS

Programming Languages: Python, Swift, C++, Java, C#, C, Javascript, Typescript, CSS, SQL, Bash, MATLAB, R

Frameworks & Libraries: React, React Native, SwiftUI, Next.js, Express, Tailwind, Axios, PyTorch, scikit-learn

Tools & Platforms: Git, GitHub Actions, AWS, Terraform, Docker, Firebase, Snowflake, Supabase, Postman, Linux, Unity

RELEVANT EXPERIENCE

Technical Lead | xLab - Dealer Tire

Jan 2026 - Present

- Leading a team of 4 developers building a conversational AI system that helps Account Managers generate Account Summaries; features hands-free UI, follow-up prompting, and quality validation to replace a 30-minute manual process.
- Designed two-agent architecture (Interview Agent + Generation Agent) with dynamic checklist validation; defined database schema, REST API contracts, and comprehensive feature specifications to enable parallel development across the team.

Software Engineer Intern | 1848 Ventures

May 2025 - Dec 2025

- Architected a scalable lead-gen platform (AWS/Terraform) with PostgreSQL data isolation, contributing ~80% of the codebase. Built RAG-based pipelines and web scrapers to enrich 50,000+ SMBs across 15+ ventures in the venture studio.
- Built multiple AI agents that tests cookiecutter updates, propagates changes to 10+ downstream ventures, and backports innovations using AWS Step Functions, Fargate, Lambda, and Anthropic models to fully automate workflows.

Undergraduate AI/ML Researcher | EINSTEIN Lab, CWRU

Jan 2025 - Present

- Developed SVD-based KV cache compression with fused output projections for multiple transformer architectures, achieving 87.5% memory savings with only 5% perplexity increase through dynamic rank selection.
- Deployed PyTorch framework on CWRU HPC clusters; validated compression algorithms on model weights across 4 research-grade models up to 8B parameters with end-to-end inference pipelines and comprehensive benchmarking suite.

Software Engineer Intern | Eaton Corporation

Jan 2025 - May 2025

- Developed an AI training platform using Next.js, FastAPI, and Firebase, integrating RAG-powered simulated customers, reducing onboarding time by 40%. Delivered features like automated evaluations and performance dashboards.
- Built key features including JWT authentication, role-based access control, and a custom module creation system with over 20 predefined modules, supporting 50+ users across four access levels.

PROJECTS

AI Avatar Kiosk | Next.js, Serverless, AWS S3, HeyGen, WebRTC, IndexedDB

June 2025 - Aug 2025

- Built a full-stack AI avatar kiosk as a permanent exhibit for the Weatherhead School of Management, serving 100+ daily users. Integrated HeyGen streaming avatars with real-time voice/text chat using WebRTC and server-sent events.
- Developed enterprise authentication with CWRU SSO (CAS + JWT), designed a dual-screen kiosk interface with cross-browser state synchronization, and implemented offline-first avatar management with IndexedDB caching.

AI Benchmarking Platform | Next.js, TypeScript, Tailwind, Drizzle, PostgreSQL

Sep 2025 - Dec 2025

- Developed a full-stack AI benchmarking platform for xLab at CWRU—now used by 5 paying clients—to evaluate how companies adopt and operationalize AI and benchmark their performance against industry peers.

CampusGuessr | Next.js, React, Tailwind, Supabase

Sep 2025 - Dec 2025

- Built a GeoGuessr-inspired game for CWRU played by 1,000+ students, featuring 360° locations, a five-round accuracy scoring system, and a fully community-driven platform where users can upload/tag locations, contributing to 300+ spots with leaderboards, real-time multiplayer, and custom game creation tools.