

Jason Park

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EDUCATION

University of California, Los Angeles

Bachelors in Computer Science & Linguistics

Expected June 2026

Westwood, CA

Relevant Coursework: Software Construction Lab, Computational Linguistics, Intro to Algorithms and Complexity

EXPERIENCE

Software Engineer Intern

For the Need Foundation

Jul 2025 – Sep 2025

Simi Valley, CA (Hybrid)

- Developed JavaScript workflow to automate manual CRM excel data cleaning process—duplicate account merging, age corrections, contact validation
- Configured Docker setup enabling non-technical staff to execute workflow with single button click

Software Engineer Intern

GoDaddy

Jun 2023 – Aug 2023

Tempe, AZ (Remote)

- Built UI components (forms, toggles, modals) in React + TypeScript sandbox environment
- Created Node.js/Python API routes to support mock dashboard features

PROJECTS

BruinLM | Full-Stack Development

- Developed a collaborative study platform where students upload course materials to build shared AI-powered knowledge bases for their classes
- Implemented RAG system with vector embeddings and hierarchical document retrieval to generate context-aware answers from uploaded PDFs and documents
- Designed adaptive retrieval that scales intelligently as class document collections grow

AI Rag Evaluator for BruinLM | Backend Development

- Built comprehensive monitoring system for evaluating Rag response quality and performance metrics
- Developed FastAPI service with PostgreSQL integration, Prometheus monitoring, and Grafana dashboards
- Implemented automated testing framework with [Chart.js](#) visualizations for response analysis.

Multi-AI-Agent Historical Debate | Full-Stack Development

- Created an AI system where three agents mimicking historical figures engage in structured political debates
- Built React/[Node.js](#) application with OpenAI integration, [Socket.io](#) real-time communication, and MongoDB
- Deployed live web application with responsive design and real-time debate interactions

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Python, SQL, Swift, HTML/CSS, Java

AI/ML Frameworks: LangChain, LangGraph, OpenAI API, RAG, Pinecone, Prometheus, Grafana

Web Frameworks & Libraries: React, [Node.js](#), [Express.js](#), FastAPI, PostgreSQL, [Socket.io](#), [Chart.js](#), SwiftUI, UIKit

Cloud & DevOps: Amazon EC2, Docker, Git, VS Code, Postman, MongoDB

Automation & Integration: n8n, workflow automation, CRM integration, data processing pipelines