

# Jason Park

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## EDUCATION

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**University of California, Los Angeles**

*Expected June 2026*

*Bachelors in Computer Science & Linguistics*

*Westwood, CA*

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

## EXPERIENCE

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**Software Engineer Intern**

*Jul 2025 – Sep 2025*

*For the Need Foundation*

*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**

*Jun 2023 – Aug 2023*

*GoDaddy*

*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

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**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

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**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