

Education

Loyola Marymount University (LMU) - Los Angeles, CA

Aug 2022 - Present

Major: Computer Science, B.S. (GPA: 3.99) - Expected Graduation May 2026

Minor: Business Administration (GPA: 4.00)

Relevant Coursework: Data Structures, Algorithms, Mobile App Development, AI Recommender Systems, Artificial Intelligence, Automata Theory, Compiler Construction, Computer Systems Organization, Computer Graphics

Work Experience

SDE Intern, Summer

Amazon Web Services (AWS), CloudWatch AI Ops
Santa Clara, CA

May 2025 - Aug 2025

- Developed a high-impact **LLM-based agent microservice** to automate CloudWatch logs analysis/root cause diagnosis
- Contributed to production-grade CI/CD codebases, deploying backend changes through infrastructure-as-code
- Engaged in customer-centric problem-solving, involving senior AIOps engineers and leadership in discussion
- Worked with **prompt engineering** techniques and iterative end-to-end development to shape LLM behavior
- Assumed full ownership of the project for the duration of the internship, addressing ambiguity with a bias for action

Computer Science Teaching Assistant

Loyola Marymount University
Los Angeles, CA

Sep 2023 - May 2024

- Tutored and guided students through **Python programming assignments** covering basic coding fundamentals
- Held office hours 3 times/week, to reinforce learning and encourage writing clean, concise, reusable code
- Provided technical support with resources including Terminal, Git, GitHub, Replit, and Pygame library

Video Coordinator

The Los Angeles Loyolan
Los Angeles, CA

Oct 2023 - May 2024

- Oversaw a team of video journalists; introduced quality standards, conducted onboarding and weekly check-ins
- Managed publishing deadlines and delegated projects to team members in a **fast-moving work environment**
- Average Instagram Reels viewership **increased 62%** and videos published per week **increased 50%** under leadership

Projects

- **viDoc**: Built a full-stack **React/NextJS** app from the ground up, targeted at amateur videographers and creators looking for a dedicated place to record their ideas and projects, and effectively develop the structure of their videos.
- **CultClassic**: A neural network-based recommender system designed to deliver tailored recommendations for movies out of the mainstream, powered by **PyTorch**.
- **SpaceNews**: Created a simple **Swift** iOS app front end to receive daily articles and ISS report data from an API and display it in an easy-to-read, aesthetically pleasing format.
- **FreeThrowMerchant**: Used the **Discord.js** library to program a custom Discord bot, accessing the BALLDONTLIE basketball API to interpret and display player and live game data. Gained experience with RESTful API architecture.

Skills

- Languages: Python, JavaScript(and TypeScript), Java, Swift, HTML, CSS, GLSL(OpenGL), MATLAB, C, F#
- Technologies: AWS Lambda, Git, Supabase, Firebase, Vite, Vercel, Terminal, OpenGL, Postman, Replit, Figma
- Libraries: LangChain, React, NextJS, NodeJS, ThreeJS, MaterialUI, PyTorch, Scikit-Learn, NumPy, Pandas