

## Education and Certifications

Loyola Marymount University (LMU) - Los Angeles, CA

Aug 2022 - Present

**Major:** Computer Science, B.S. (GPA: 3.98) - Expected Graduation May 2026

**Minor:** Business Administration (GPA: 4.00)

**Relevant Coursework:** Data Structures, Algorithms, Mobile App Development, AI Recommender Systems, Automata Theory, Compiler Construction, Computer Systems Organization, Computer Graphics, Logic and Computer Design, Linear Algebra, Discrete Math, Calculus I & II

## Projects

- **viDoc:** Built a full-stack **React/Next.js** 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** app to receive daily articles and ISS report data from an API and display it in an easy-to-read, aesthetically pleasing format.
- **StratRoulette:** Developed a full-stack **Swift/Firebase** app in a team, allowing users to submit custom gaming challenges and create shuffle playlists using community content.

## Work Experience

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

## Technologies and Languages

- Languages: Python, JavaScript(and TypeScript), Swift, HTML, CSS, GLSL(OpenGL), MATLAB, C, Java, F#
- Technologies: Git, Supabase, Firebase, Vite, Vercel, Terminal, OpenGL, Postman, Replit, Figma
- Libraries: React, Next.js, Node.js, ThreeJS, Discord.js, MaterialUI, PyTorch, Scikit-Learn, NumPy, Pandas

## Honors and Awards

- **Loyola Marymount University:** Arrupe 4-Year Scholarship
- **Scouting America:** Eagle Scout Rank
- **Los Angeles Loyolan:** Student Merit Scholarship