

CODY DO

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www.github.com/CodyDo | www.linkedin.com/in/cody-do
https://codydo.github.io/

EDUCATION

University of California, Los Angeles — *UCLA*

B.S. Computer Science | GPA: 3.77

- Completed Coursework: Object-Oriented Programming, Software Construction & Version Control, Operating System Principles, Database Systems, Algorithms and Complexity, Intro to Machine Learning, Digital Logic Design, Computer Networks, Software Engineering
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EXPERIENCE

Amazon Internship — *Software Development (Java/JavaScript)*

JUN 2022 - SEPT 2022

- Developed and integrated search into a client-facing website using the Spring MVC Framework, OpenSearch, and DynamoDB
- Expanded existing search capabilities to ensure user permissions were checked prior to using search and increased the number of searchable categories
- Implemented a redirection flow that sent the user to specific endpoints depending on the locale the user is in

UCLA Student Media DevOps — *Web Development/Student Lead (JavaScript/React)*

JAN 2022 - JUN 2023

- Developed a new UCLA Student Media Website utilizing MongoDB, ExpressJS, ReactJS, and NodeJS, as the tech stack
- Implemented prototyped designs using CSS and employing appropriate backend APIs to send and store user input in the database
- Utilized React and Firebase to authenticate users and produce access levels for an inventory site

Harmony Project — *Software Developer (JavaScript/React Native)*

SEP 2019 - JUN 2021 | <https://github.com/labblueprint/harmony-project>

- Partnered with Harmony Project to produce a cross-platform application on iOS and Android that connects children in underserved communities with music instructors
- Developed a component in React Native that sends data to Firestore servers through various API calls and both client and server-side authentication
- Implemented pagination and reduced overhead by using hooks and optimizing document queries through batching

UCLA IT Services

JUL 2021 - OCT 2022

- Worked alongside student workers and career staff to manage and remediate vulnerabilities among UCLA networked devices
 - Utilized Qualys, BigFix, and Bomgar to apply appropriate patches and updates on devices flagged with security issues
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ACTIVITIES

LA Blueprint — Internal Vice President and Software Developer

UCLA Campus Events Commission — Public Relations Officer & Project Lead

Theta Tau — Professional Engineering Fraternity, Projects Member

SKILLS

Programming Languages: Python, C++, C, JavaScript, Java, HTML/CSS

Technologies and Programs: React, React Native, Node.js, Firebase/Firestore, Git, Spring MVC, Docker