CODY DO

(714) 306-4841 | D.Codyx@gmail.com
www.github.com/CodyDo
www.linkedin.com/in/cody-do
www.codydo.github.io

EDUCATION

University of California, Los Angeles — UCLA

B.S. Computer Science | GPA: 3.96 Expected Class of 2023

EXPERIENCE

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

SEPTEMBER 2019 - PRESENT |
https://github.com/lablueprint/harmony-project

- Partnered with Harmony Project to produce a cross-platform application in iOS and Android that connects children in underserved communities with music instructors
- Developed a component in React Native that sends images and texts 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

Kontagion — *Object-Oriented Game (C++)*

FEBRUARY 2020 - MARCH 2020

- Developed a program where the player moves around a circular dish, gaining points by attacking and avoiding various creatures
- Classified various objects and characters through the use of polymorphism and inheritance to reduce overall code bloat

Goober Eats — *Object-Oriented Executable (C++)*

MARCH 2020

- Developed a program using real-world map data that simulated the successful creation and delivery of an online order
- Implemented the A* traversal algorithm and hashmap data structure to produce efficient turn-by-turn directions to the appropriate destination

UCLA IT Services

JULY 2021 - PRESENT

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

SKILLS

Programming Languages

C++, C, Python, JavaScript, Java, HTML/CSS

Technologies and Programs

React, React Native, Node.js, Firebase/Firestore, Git, CoCalc, Photoshop, Illustrator

ACTIVITIES

UCLA Campus Events Commission (CEC)

Public Relations Officer & Project Lead

Theta Tau

Professional Engineering Fraternity

LA Blueprint

Internal Vice President & Software Developer

RELEVANT COURSEWORK

Completed

Object-Oriented Programming (C++)

Software Construction & Version Control

Operating System Principles

Database Systems

In Progress

Algorithms and Complexity

Digital Logic Design

INTERESTS

Astronomy, Marine Biology & Hiking