NATHAN ENDOW

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EDUCATION

University of California, Los Angeles (UCLA), Los Angeles, CA
Expected June 2024
Bachelor of Science in Computer Science and Engineering
- Cumulative GPA: 3.88
- Relevant Coursework: Algorithms and Complexity, Operating Systems, Software Construction, Computer Organization

WORK EXPERIENCE

Apple Inc. | *Watch Software Intern*
June 2022 - September 2022
- Prototyped five new workout views centered around running power using SwiftUI and Swift Charts for the Apple Watch Workout App
- Created a new workout goal type along with the necessary user interface needed by the user to configure the goal
- Added a new workout metric with Swift and Objective C allowing users to track and view the metric in-session
- Presented to members of teams from Fitness Technology, Core Motion and Human Interaction throughout internship to receive input on project

Productive Robotics | *Intern*
November 2017 - March 2020
- Increased production throughput for PCB boards by soldering necessary capacitors on boards
- Assembled computers used by robotic arms then installed necessary files for arm to function properly
- Performed quality assurance on sometimes hundreds of parts a week using a CMM machine
- Increased reliability of robots by deburring all gears required for each machine

PROJECTS

Sparke | *Developer*
January 2021 - October 2021
- Collaborated with team of four developers and four designers from UCLA software development club DevX to build iOS app using Swift allowing users to list and buy parking spots
- Transferred design team's user interface for listing parking spots into Xcode using Storyboards and developed logic needed for pages to run correctly and save data input by user

BoolBots | *Project Manager*
May 2021 - August 2021
- Oversaw team of seven people build ACM Teach LA project using React and Typescript intended to help middle school students learn about Booleans
- Delegated issues to team members and then performed code reviews on all pull requests before merging into main branch
- Ran weekly meetings to assign members' tasks for the week and discuss suggestions anyone had with project or any issues with previous tasks

Dev Pathways | *Developer*
January 2021 – June 2021
- Developed webpage for UCLA computer science organization ACM alongside five other students using React with goal of assisting new club members in onboarding process by compiling all resources from club into one site
- Utilized React Router to implement navigation from search to results page while also passing search query so resources related to search can be displayed

TECHNICAL SKILLS

Basic: Objective-C, Python, HTML/CSS
Proficient: Swift, SwiftUI, C++, Git, React, Javascript, Typescript

INVOLVEMENT

UCLA ACM Internal | *Developer*
October 2021 - Present
- Added ability to filter calendar items in the events page for the UCLA ACM website using React and Typescript
- Designed a user interface for a page displaying the statuses of various UCLA ACM websites with Figma then implemented it with React and Typescript

UCLA ACM Teach LA | *Training Director*
September 2020 - Present
- Taught new members with no prior experience to web development the basics of HTML and CSS
- Collaborated with two other training directors within the club to devise a program to teach to college students interested in computer science