

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: 3.92

Carpinteria High School, Carpinteria, CA

June 2020

- Salutatorian
- Weighted GPA: 4.54
- Mathematics Department Award
- Dual enrollment student at Santa Barbara City College

WORK EXPERIENCE

Productive Robotics | Paid 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 parts using a CMM machine
- Increased reliability of robots by deburring all gears required for each machine

PROJECTS

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

InstaPark | Developer

January 2021 - Present

- 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

ACM Dev Pathways | Developer

January 2021 - Present

- Developed webpage for UCLA computer science organization ACM alongside five other students using React with goal of assisting new members in learning 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: HTML, CSS, Jekyll

Proficient: Swift, C++, Github, React, Javascript, Typescript

INVOLVEMENT

ACM Teach LA | Developer

September 2020 - Present

- Improved club's blog posts using CSS to make page more visually appealing
- Added sidebar to club's documentation page allowing users to browse site with more ease
- Reported progress of current project at weekly developer meetings

UCLA DevX | Developer

January 2021 - Present

- Created DevX project Sparke along with three other developers after being selected by project manager during recruitment
- Demonstrated project and its functionality to other members of club at quarterly showcases