Matthew Lin

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Current undergraduate student at San Diego Community College District, seeking to expand my experience in the field through summer internships. Possesses several years of hands-on experience building and testing web and desktop applications.

Work Experience

Programination
Full Stack Development Intern
June 2020 - July 2020 | San Diego, CA
- Utilized React Native to assist in the development of mobile apps for the company's clients
- Utilized Postgres, GraphQL, and React Native to develop a full-stack MVP for one of the company's products

Robolink
Summer Software Intern
June 2019 - August 2019 | San Diego, CA
- STEM summer camp instructor teaching Arduino, RobotC, and Python.
- Wrote code utilizing Python, HTML, and Markdown.

Fiverr Freelancer
January 2018 - June 2020 | San Diego, CA
- Developed chatbots for a social media / messaging service called Discord.
- Gained experience writing clean ES6 NodeJS code
- Gained experience interacting with various APIs including the GoogleAPIs (Sheets, Translations).

Education

UCSD Extension
C/C++ Specialized Certificate Program
Graduated September 2018 | San Diego, CA

San Diego Community College District
Towards Associates of Science
Currently Enrolled | *San Diego, CA*
Major: Computer Science
Credits In Progress/Completed: (20/60)
Cum. GPA: 4.0

Mission Bay High School
Towards High School Diploma
Currently Enrolled | *San Diego, CA*
Notable Classes:
- AP Calculus AB & IB Mathematics
- AP Computer Science (Principles/A)
- IB Engineering
Cum. GPA: 4.79

Skills

Technical Skills
Proficient with:
C/C++ · Python3 · **Javascript**
ReactJS · HTML5/CSS3
React Native · Flutter
Git · Docker · **GraphQL** · **MongoDB** · Postgres

Soft Skills
Strong:
Leadership · Initiative · Resourcefulness · Grit
Communication · Cooperation

Technical Projects

Portfolio Website | matthewlin.dev
- Portfolio built using HTML, MaterializeCSS, React.
- Features material & responsive design to create a robust website where I feature my big projects.

Sorting Visualizer
- Built using P5.JS.
- Features various sorting algorithms and allows you to compare the efficiency of various algorithms.

QuickProcess
- Built using ElectronJS & NodeNative Modules (C++).
- Features manipulating images and applying filters to them.
- The desktop application was written in HTML & CSS using ElectronJS to package the app.
- The image processing code was written in C++ using the OpenCV image processing library.

Leadership/Other Experience

MBHS Entrepreneurship Club
Co-Founder & President
August 2019 - Present | San Diego, CA
- The Mission Bay High School Entrepreneurship Club is currently creating a communication platform for high schools which allows students to easily contact teachers and each other regarding studying & homework.
- By serving the club, I gained experience leading a small group of programmers to create a full web/mobile app for our purposes. (As of May 2020, the app is still in early stages of development)

Fun Facts

Interests
Entrepreneurship · Teaching · Problem Solving

Hobbies
Running (Track & Field / XC) · Music (Violin & Piano)