Matthew Lin

San Diego, CA | (760) 562-8489 | linkedin://matthewlin-sd github://matthew-plusprogramming | matthewlin.net | matthewlinplusprogramming@gmail.com

WORK FXPERIENCE

PROGRAMINATION | SOFTWARE ENGINEER

(FULL-STACK DEVELOPMENT)

Jun 2020 - Present | San Diego, CA

- Led the development of a prototype product for the company used by organizations for internal event planning Git • Docker • Mongo • Postgres & coordination.
- Utilized Postgres, GraphQL, and React Native to develop the product mentioned above.
- Utilized React Native to assist in the development of several products for various company clients.

ROBOLINK | Summer Software Intern

Jun 2019 - Aug 2019 | San Diego, CA

- Instructed STEM summer camp sessions teaching Arduino, RobotC, and Python to elementary/middle/high school students.
- Wrote automation code and camp educational material using Python, HTML, and Markdown.

FREELANCE | SOFTWARE CONTRACTOR

Jan 2018 - Jun 2020 | San Diego, CA

- Developed chat bots that ran on social media platform Discord.
- Interacted with various APIs including GoogleTranslate, GoogleSheets, Spotify, etc.
- Gained experience writing clean ES6 JS code that ran on compute limited servers.

FDUCATION

UCSD EXTENSION

SPECIALIZED CERTIFICATE IN C/C++ PROGRAMMING Graduated Sept 2018 | San Diego, CA

SAN DIEGO COMMUNITY COLLEGE DISTRICT

PURSUING AN AS IN COMPUTER SCIENCE

Expected Aug 2021 | San Diego, CA Credits In Progress/Completed: 34 / 60 Cum. GPA: 4.0 / 4.0

MISSION BAY HIGH SCHOOL

PURSING A HIGH SCHOOL DIPLOMA (CURRENT JUNIOR) Expected Jun 2022 | San Diego, CA Cum. GPA: 4.77 / 4.0

LINKS

Github://matthew-plusprogramming LinkedIn://matthewlin-sd YouTube:// Matthew Lin

SKILLS

TECHNICAL

Proficient with:

C/C++ • Javascript • NodeJS • GraphQL

ReactJS • HTML5 • CSS3

Familiar with:

Shell • Python3 • Markdown

SOFT

Strong:

Leadership • Initiative • Resourcefulness • Grit Communication • Cooperation

I FADERSHIP EXPERIENCE

MBHS ENTREPRENEURSHIP CLUB

Co-Founder & President

August 2019 - Present | San Diego, CA

- Led the club in designing, developing, deploying, and iterating a communication platform for students in the San Diego Unified School District.
- Led a group of developers to create a mobile app for our purposes (As of September 2020, we are nearing the end of our first product development cycle).

PROJECTS

PORTFOLIO WEBSITE | MATTHEWLIN.NET

- Portfolio website built using HTML, MaterializeCSS, and React IS.
- Features material & responsive design to create a robust website where I feature my big projects & testimonials.

FAST ENGINE

• Simple game engine written in C++ using the SDL graphics library.

QUICKPROCESS

- Built using ElectronJS & OpenCV.
- Image manipulation tool which allows you to apply filters over images.
- Image processing code was written in NodeJS using the OpenCV image processing library.

FUN FACTS

INTERESTS

Entrepreneurship • Teaching • Problem Solving

HOBBIES

Running (Track & Field / Cross Country) • Music (Violin & Piano)