Matthew Lin

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WORK EXPERIENCE

PROGRAMINATION | Part-Time Software Engineer (Full-Stack Development)
Jun 2020 - Present | San Diego, CA
- Technologies: NodeJS, ReactJS, React Native, ExpressJS, GraphQL, Postgres.
- Currently designing back-end infrastructure for a company client looking to create a social media platform. Back-end was designed with AWS Lambda (NodeJS), AWS Aurora (Postgres), with a GraphQL design.
- Worked on development teams for and saw the completion of various company internal projects, and client projects as both a back-end and front-end developer.
- Redesigned the companyś website adding ghost blog integration.

ROBOLINK | Summer STEM Camp Instructor
Jun 2019 – Aug 2019 | San Diego, CA
- Instructed STEM summer camp sessions teaching Arduino, RobotC, and Python to middle/high school students.
- Wrote automation code and camp educational material using Python, HTML, and Markdown.

FREELANCE | Software Developer Contractor
Jan 2018 - Jun 2020 | San Diego, CA
- Developed chat bots as a freelance developer.
- Interacted with various APIs including GoogleTranslate, GoogleSheets, Spotify, etc.

EDUCATION

SAN DIEGO MESA COLLEGE
Pursuing AS in Computer Science (Sophomore)
Expected Aug 2021 | San Diego, CA
Credits In Progress/Completed: 35 / 60
Cum. GPA: 4.0 / 4.0

MISSION BAY HIGH SCHOOL
Pursuing High School Diploma (Junior)
Expected Jun 2022 | San Diego, CA
Cum. GPA: 4.77 / 4.0

UCSD EXTENSION
Specialized Certificate in C/C++ Programming
Graduated Sept 2018 | San Diego, CA

SKILLS

TECHNICAL
Proficient with:
C/C++ • Javascript • Typescript • NodeJS • GraphQL
ReactJS • HTML5 • CSS3
Git • Docker • Mongo • Postgres
Familiar with:
GoLang • Svelte • Shell • Python3 • Markdown

SOFT
Strong:
Leadership • Initiative • Resourcefulness • Grit
Communication • Cooperation

PROJECTS

PORTFOLIO WEBSITE | MATTHEWLIN.DEV
- Portfolio website built using HTML, MaterializeCSS, and ReactJS.
- Features material & responsive design to create a robust website where I feature my big projects & testimonials.

FAST ENGINE
- Game engine written in C++ using the SDL graphics library.

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

LEADERSHIP 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.

VOLUNTEER

MATH TUTORING
Kid By Kid
October 2020 - Present | San Diego, CA
- Tutored middle school students in a range of math subjects.