Matthew Lin

San Diego, CA | (760)-562-8489 | linkedin://matthewlin-sd
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Work Experience

Programmation | Part Time Software Engineer (Full-Stack Development)
Jun 2020 - Present | San Diego, CA
- Technologies: NodeJS, ReactJS, ReactNative, ExpressJS, GraphQL, Postgres
- Solely designed & implemented back-end infrastructure for custom social media app. Back-end was designed with AWS Lambda (NodeJS), AWS Aurora (Postgres) & GraphQL
- 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 company's website adding ghost blog integration (programination.com)

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 (NodeJS) as a freelance developer for a social media platform called Discord
- 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: 4.0/4.0

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 • HTML • CSS
Git • MongoDB • PostgreSQL
Familiar with:
GoLang • Docker • Svelte • Bash • 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 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 process library

Leadership Experience

MBHS Entrepreneurship Club
Co-Founder & President
Aug 2019 - Present | San Diego, CA
- Led the club in designing, developing, and deploying a digital school communication platform for students in San Diego Unified School District

Volunteer

Kid By Kid
Math Tutor
Oct 2020 - Present | San Diego, CA
- Tutoring middle school students in a range of math related subjects