

# Matthew Lin

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## WORK EXPERIENCE

### PROGRAMINATION | PT SOFTWARE ENGINEER (FULL-STACK DEVELOPMENT)

Jun 2020 - Present | San Diego, CA

- Technologies: NodeJS, ReactJS, React Native, ExpressJS, GraphQL, Postgres.
- Worked on development teams for various company internal projects, and client projects.
- Redesigned the company's website.

### ROBOLINK | SUMMER SOFTWARE INTERN

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 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

### UCSD EXTENSION

SPECIALIZED CERTIFICATE IN C/C++ PROGRAMMING

Graduated Sept 2018 | San Diego, CA

### SAN DIEGO COMMUNITY COLLEGE DISTRICT

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

PURSING HIGH SCHOOL DIPLOMA (JUNIOR)

Expected Jun 2022 | San Diego, CA

Cum. GPA: 4.77 / 4.0

## LINKS

Github:// [matthew-plusprogramming](https://github.com/matthew-plusprogramming)

LinkedIn:// [matthewlin-sd](https://www.linkedin.com/in/matthewlin-sd)

YouTube:// [Matthew Lin](https://www.youtube.com/channel/UCMatthLin)

StackOverflow:// [matthew-lin](https://stackoverflow.com/users/10414411/matthew-lin)

## FUN FACTS

### INTERESTS/HOBBIES

Entrepreneurship • Teaching • Problem Solving Running (Track & Field / Cross Country) • Music (Violin & Piano)

## SKILLS

### TECHNICAL

Proficient with:

C/C++ • Javascript • Typescript • NodeJS • GraphQL  
 ReactJS • HTML5 • CSS3  
 Git • Docker • Mongo • Postgres

Familiar with:

Shell • Python3 • Markdown

### SOFT

Strong:

Leadership • Initiative • Resourcefulness • Grit  
 Communication • Cooperation

## 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.

## 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.