

# 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 - August 2020 | San Diego, CA

- Utilized React Native to assist in the development of mobile apps for the company's clients
- Utilized MongoDB, ExpressJS, and React Native to develop a full-stack MVP for one of the company's potential 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: (34/60)**

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: 4.84

## Skills

### Technical Skills

Proficient with:

**C/C++** • Python3 • Javascript (ES6) • NodeJS

**ReactJS** • HTML5 • CSS3 • **React Native**

Git • Linux • Docker/Containerization

### Soft Skills

Strong:

Leadership • Initiative • Resourcefulness • Grit  
Communication • Cooperation

## Technical Projects

### Portfolio Website | [matthewlin.net](https://matthewlin.net)

- Built website using HTML, MaterializeCSS, React, JQuery.
- Features material & responsive design to create a robust website where I feature my big projects.

### Sorting Visualizer | [demo on matthewlin.net](https://demo.on.matthewlin.net)

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

### QuickProcess | [demo on matthewlin.net](https://demo.on.matthewlin.net)

- 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)