

Matthew Lin

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Experience

Brevy | Software Engineer (Full Stack)

Jul 2021 - Sep 2022 | San Diego, CA

- Technologies: NodeJS, Typescript, ReactJS, NestJS, PostgreSQL, NextJS
- Designed & implemented third-party integrations with services such as Slack, Jira, ClickUp, Webflow
- Built out onboarding flow for the company's main product
- Worked on implementing analytics code through Logrocket, June, and Mixpanel
- Submitted changes for over 70 issues across the front and back end
- Performed data analysis using Pandas to determine viability and volatility of product markets

Programination | Software Engineer (Full Stack)

Jun 2020 - Feb 2021 | San Diego, CA

- Technologies: NodeJS, Typescript, ReactJS, ReactNative, ExpressJS, GraphQL, PostgreSQL
- Designed & implemented back-end infrastructure for a custom social media app. Back-end designed with AWS Amplify (NodeJS & TS), DynamoDB & GraphQL
- Implemented front end localization code for educational app to dynamically adjust experience based on system language in ReactNative
- 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 high school students

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

Education

California Polytechnic State University San Luis Obispo

Pursuing BS in Computer Science

Expected June 2026 | San Luis Obispo, CA

San Diego Mesa College

AA In Liberal Arts & Computer Science | AA In Psychology

Graduated Fall 2022 | Expected Summer 2024 | San Diego, CA

Cum. GPA: 3.86

UCSD Extension

Professional Certificate In C/C++ Programming

Graduated Sept 2018 | San Diego, CA

Summary

An experienced software engineer with over 1.5 years of professional software engineering experience. Current sophomore pursuing a bachelors of science in computer science from California Polytechnic State University San Luis Obispo.

Skills

Technical

Proficient with:

ReactJS • TypeScript • SCSS • PostgreSQL • React Native
JavaScript • Node.JS • HTML • CSS • GraphQL • MySQL • REST
Git • MongoDB • AWS • ExpressJS • NestJS • NextJS • C/C++
Algorithms • Data Structures • API Design • Python • Webflow

Familiar with:

Rust • GoLang • Docker • Svelte • Bash • Markdown
C# • Unity • Xamarin • Java • AngularJS • Pandas • Figma

Soft

Experience demonstrating:

Leadership • Initiative • Resourcefulness • Grit
Communication • Cooperation

Projects

Portfolio Website | matthewlin.dev

- Portfolio website built using HTML, MaterializeCSS, and ReactJS
- Features responsive design to create a robust website

YouTube Educational Channel | Matthew Lin

- Educational content teaching a variety of topics across computer science: <https://youtube.com/matthewlin>
- Content has been viewed 15,000+ times

Leadership Experience

Ripple Software Club

Co-Founder & President

Aug 2019 - April 2022 | San Diego, CA

- Led the club in designing, developing, and deploying a digital school communication platform for students in San Diego Unified School District

FRC Robotics Team 4160

Programming & Electrical Division Lead

Aug 2020 - June 2022 | San Diego, CA

- Worked with division mentors and students to write C++ & Python code which controlled the robot and powered vision tracking systems
- Organized educational initiative to streamline training process for new students in the programming & electrical division