

Thomas Chin

Software Engineer - San Diego, CA

thomasc246@gmail.com

(858) 705-2554

linkedin.com/in/mrthomaschin

thomaschin.me

Technical Skills

C++ (Preferred)

Java

C

C#

HTML

CSS

Javascript

Python

Verilog

Tools

React JS

Bootstrap

ASP .NET Core MVC

Node JS

RESTful API

Flask

MongoDB

Firestore

AWS

JSON

Embedded Systems

Arduino/Raspberry Pi

Git

Travis CI

Visual Studio / VS Code

Figma

Education

University of California, Riverside

Exp. July 2020

B.S. Computer Engineering

Relevant Courses

Data Structures & Algorithms

Operating Systems

Logic Design

Embedded & Real-Time Systems

Circuit Analysis

Concurrent Programming

Architecture of Computer Systems

Digital & Analog Signals & Systems

Projects

Readit

Mar 2020 - Jun 2020

React JS, RESTful API, MongoDB, Node JS, Flask

- Full-stack web application that helps college representatives by gathering information and reviews of universities from other people on different social media platforms
- Group project, assembled front-end and initialized back-end

R'Mailbox

Mar 2020 - Jun 2020

C++, AWS, Raspberry Pi, ATmega1284, Embedded Systems

- Smart mailbox built to keep parcels protected and prevent mail theft
- Integrated 2 levels of authorization, AWS, SMS notifications
- Group project, spearheaded unit testing and CI with Python and C++

Personal Website

Mar 2020 - Present

React JS, Bootstrap, Javascript

- My portfolio website constructed from scratch, to showcase my project work and personal interests
- Structured with React JS and hosted with GitHub Pages

Tboard

Oct 2019 - Dec 2019

C++ , Embedded Systems, Arduino

- Customized an Arduino-powered electric skateboard controlled by a Wii nunchuck in a span of 2 months
- Designed to provide students with a cheap, efficient, and portable method of commute to campus, boasting a 20mph top speed and 13 mile range

Experiences

Website Developer

May 2019 - Jan 2020

UCR Leadership and Group Dynamics Lab · Riverside, CA

- Co-authored the website for UC Riverside's Leadership and Group Dynamics Psychology lab with a team of 4, to further their research
- Redesigned and organized the website from the ground up with ASP .NET Core MVC Framework, introducing a more versatile structure

Website Developer

Jan 2019 - May 2019

BioHack @ UCR · Riverside, CA

- Constructed the official website for UC Riverside's BioHack hackathon which saw a headcount of 200+ participants
- Deployed both landing and live page for the event