

Thomas Chin

Software Engineer

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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

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 - Present

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, currently designing both front-end and back-end

R'Mailbox

Mar 2020 - Present

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

- Smart mailbox built to keep parcels protected and prevent mail theft
- Includes finger/face detection, AWS integration, more security features
- Group project, currently optimizing AWS and constructing GitHub CI

Personal Website

Mar 2020 - Present

React JS, Bootstrap, Javascript

- My portfolio website built from scratch, which contains project work and personal hobbies
- Built with React JS and hosted with GitHub Pages

Tboard

Oct 2019 - Dec 2019

C++ , Embedded Systems, Arduino

- Arduino-powered DIY electric skateboard controlled by a Wii nunchuck
- Designed to provide students with a cheap, efficient, and portable method of commute to and from campus

Experiences

Website Developer

May 2019 - Jan 2020

UCR Leadership and Group Dynamics Lab · Riverside, CA

- Maintained the website for UC Riverside's Leadership and Group Dynamics Psychology lab with a team of four, to further their research
- Re-built and organized the website from the ground up with ASP .NET Core MVC Framework, creating a more versatile structure

Website Developer

Jan 2019 - May 2019

BioHack @ UCR · Riverside, CA

- Constructed the official website for UC Riverside's BioHack hackathon with a team of three engineering students/peers
- Deployed both landing and live page for the event