

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

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

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

Personal Website

Mar 2019 - Present

React JS, Bootstrap

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

Medical Elbow Orthosis Arm

Jul 2019 - Sept 2019

C++ , Embedded Systems, Arduino

- Continuation of a final project for UC San Diego's MAE 156B class
- Re-designed a robotic arm for a five-year old diagnosed with Acute Flaccid Myelitis, allowing him to elevate his arms with wrist movements

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
- Deployed both landing and live page for the event

Residential Technical Lead

Aug 2018 - Apr 2020

UCR Housing Services · Riverside, CA

- Provide IT Services to on-campus residents and assist with their requests
- Manage staff work schedules and teach them necessary IT skills
- Satisfied students need with quick customer service and troubleshooting