

Thomas Chin

Software Engineer // Los Angeles, CA

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Technical Languages

Objective-C

C++

C

Java

C#

HTML5 / CSS3 / Javascript

Python3

Tools & Skills

Xcode

UIKit

Unit Testing: OCMock / XCT Assertions

A/B Testing

Graphana / Graphene

Dependency injection: Bazel / Buck /

Scope Graphs

Jenkins CI

Google Protobuf schemes

gRPC, REST

Kubernetes

Google Cloud Platform

Git / GitHub

Figma

React JS

Bootstrap

Embedded Systems

Arduino/Raspberry Pi

Education

University of California, Riverside

July 2020

B.S. Computer Engineering

Professional Experience

Snap Inc.

Software Engineer · Santa Monica, CA

May 2021 - Present

- Projected and launched small to medium size projects on the Messaging iOS client team, reaching consumer population sizes of 300 million daily active users on Snapchat
- Released features to employee, beta, and production users through A/B testing, controlling distribution based on analysis of metrics and regressions and product design choices
- Collaborated with different stakeholder teams (Maps, Security) to launch messaging components and boost consumer engagement in chat and partner features
- Interviewed and mentored for the Snap Up Apprenticeship program, aiming to guide new university graduate engineers through their early professional career

Released Projects: Streaks Relaxation, Location in Chat Header, Password Detection, Chat Reply

Snap Up Software Apprentice · Santa Monica, CA

Aug 2020 - May 2021

- Selected as 1 of 24 recent graduates to represent the second cohort of the Snap Up Apprenticeship program
- Rotated through 3 different engineering teams to gain experience in different industry-level teams and software tech stacks within Snap
- Laid the foundation for a React webapp internal tool aiding in the release of Spotlight, and is still used today to provide user data through gRPC requests to Kubernetes servers

Projects

R'Mailbox

Mar 2020 - Jun 2020

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

- Designed a smart mailbox to protect parcels and prevent mail theft
- Integrated 2 factors of security (facial/finger verification), Amazon Web Services, and real-time interactive SMS notifications
- Spearheaded continuous integration (Python, C++) with 10+ unit tests

Personal Website

Mar 2020 - Present

React JS, Bootstrap, Javascript

- Constructed my portfolio from scratch, to showcase project work and personal interests
- Dynamically 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