Thomas Chin

Software Engineer // Los Angeles, CA

Contact

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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
Depedency 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