

MELODY WEI

SOFTWARE ENGINEER 📍 SAN FRANCISCO, UNITED STATES ☎ 5108772320

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◦ LINKS ◦

[Linkedin](#)

[Github](#)

[Personal Website](#)

◦ SKILLS ◦

React

JavaScript

Typescript

HTML & CSS

Python

Java

Git

React Native

Android Studio

Web Development

Mobile Development

📁 EMPLOYMENT HISTORY

Software Engineer II at Affirm, San Francisco, CA

February 2020

- Led the Re-brand project for Merchant Portal that increased brand awareness, introduced colors that inspire and delight, and positioned Affirm with merchants to compete more successfully in the market.
- Made the integration process accessible to merchants before approval, increasing integration conversion by 5%.
- Added video guidance for merchant's activation process with Affirm, increasing 30-day activation rate by 5% and decreasing activation time by 5%. Created Split Capture feature for all merchants, increasing Gross Merchandise Value by \$250mm.
- Used React and Python

Software Engineer Intern at Affirm, San Francisco, CA

September 2019 — November 2019

- Wrote Luigi tasks to scan loans which have been in Afni's possession (one of Affirm's collection partner) for longer than 6 months, and sending them to TrueAccord (another collection partner).
- Projected to save Affirm \$7M in servicing costs in 2020.
- Used Python and SQLAlchemy.

Software Engineer Intern at Microsoft, Redmond, WA

May 2019 — August 2019

- Built a first-party diagnostic Add-in for Excel that fetches runtime log info internally and displays log entries with web UI. The app includes filter and search bar features.
- Used Typescript for web front-end and C++ for Excel's internal back-end code base.

Android Developer Intern at Mammoth Media, Santa Monica, CA

May 2018 — August 2018

- Implemented new front-end features for Android app Yarn (ex. Full screen expansion of images in chat screens when tapped).
- Redesigned UI for Yarn's different screens (ex. Updated Yarn's splash screen and catalog display, redesigned Yarn's chat screen with animations, new chat bubble shapes and colors, left/right alignment of chat bubbles, character avatars, etc).
- Used Android Studio (Java and HTML/CSS).

Engineering Practicum Intern at Google, Taipei, Taiwan

June 2017 — August 2017

- Made a new tab feature for the user interface of an internal hardware testing program (used by Google's Chrome OS factory team).
- Allows parallel running of multiple tests on the user interface where the users can view different test frames simultaneously by navigating through the tabs.
- Used JavaScript and CSS for front-end, Python for back-end.

🎓 EDUCATION

B.S. Computer Science, University of California, Berkeley, Berkeley, CA

August 2016 — December 2019