MELODY WEI

SOFTWARE ENGINEER · NEW YORK CITY, UNITED STATES · 5108772320

○ DETAILS ○

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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 at NerdWallet, Manhattan, NY
June 2023

- Created a card quick filter component that is used across the NerdWallet credit cards website using Typescript.
- Created a new user tour, card filter and carousel component for the NerdWallet credit cards compare page.
- Implemented analytics and data tracking across the NerdWallet credit cards website.

Software Engineer at Affirm, San Francisco, CA
January 2020 — April 2023

- 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