

Michael Hwang | Software Engineer

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Technical Skills

- Languages: TypeScript, JavaScript, Python, HTML5/CSS3, SQL
- Technologies: ReactJS, NodeJS, ExpressJS, Flask, PostgreSQL, Cloud Firebase, Docker, Git, Unix
- Other: Agile/Waterfall, Responsive UI, API Design, Unit Testing, CI/CD

Work Experience

OpenMeal Inc, Palo Alto, CA (Remote) Mar 2020 - Oct 2020

Co-Founder and Frontend Engineering Lead React, TypeScript, TailwindCSS, Flask, Python, PostgreSQL

- Launched a 3-sided online platform where donors purchase meals for individuals impacted by COVID-19 from partnered restaurants. Distributed over \$20,000 to partnered restaurants and helped individuals and families claim over 2,500 meals since May 2020 launch.
- Increased user growth by 65% and decreased app size by 35% within 1 month of launch by taking learnings to rebrand the React app and re-architect the underlying React component library.
- Led and grew the frontend team from 2 to 5 by interviewing, onboarding, and delegating tasks.
- Organized weekly sprints with product and design teams to stay aligned on design and quality of the app.

Wardrobe Technologies Inc, New York, NY

Oct 2019 - Nov 2019

Frontend Software Engineering Intern

React Native, JavaScript, Apollo GraphQL

- As the third engineer, met aggressive app launch deadline by eliminating 30% of backlogged frontend bugs working directly with the founder, designer, and senior engineers.
- Led 5 A/B user research sessions to identify problems in the checkout flow and personally implemented changes based on that feedback.

Projects

The Nominator

React, TypeScript, Tailwind CSS, Cloud Firestore, OMDB API, Netlify

- A movie search app with a sharable watchlist to nominate movies for the next movie night. See the source on GitHub.

Amex vs. Chase Trifecta

React, TypeScript, Material-UI, Heroku

- A credit card calculator app to compare the opportunity cost across Amex, Chase, and no-fee cards based on the user's annual spending. See the source on GitHub.

Reddit Wallpaper Scraper

Python, Praw, BeautifulSoup, Reddit API

- A script to download the top 100 images from /r/wallpaper to set and rotate new desktop wallpapers daily. See the source on GitHub.

Speedtest Monitor

Python, Speedtest CLI

- A script to monitor internet download/upload speeds and latency every minute. See the source on GitHub.

Education

Columbia University, New York, NY

May 2019

Bachelor of Arts in Computer Science

Interests

- Collecting sneakers, cityscape photography, distance running (2016 SF & 2018 NYC Marathon finisher)