

Carol Yao

Portfolio: <https://carol-yao.github.io/>

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EXPERIENCE

WISH — Software Engineering Intern *May - Aug 2018 in San Francisco, CA*
Feature development for Wish shopping Android app.

- Spearheaded 'Recent Wish Lists' feeds feature on the Android app; Drafted a proposal based on company data, drove meetings on roadmap & design spec, and implemented the first iteration supported by a **Python/MongoDB backend**
- Built a 'returning-user-detection' feature for tailored interactions on app re-installs with early metrics in production showing a **4.8% boost in GMV** (Gross Merchandise Volume)
- Delivered various UI features aimed at improving overall user experience such as a cart-saving feature and coupon notifications

TOAST — Software Engineering Intern *Jan - Apr 2018 in Boston, MA*
Toast restaurant POS Android app and restaurant config web app.

- Led the development for the **tipping and signature flow** for the secondary display using **Android presentations** and **JavaScript webviews**
- Refactored the existing payments component to leverage the **MVP architecture** for better code testability and separation of concerns
- Active member of the Women in Engineering resource group and pushed for workplace improvements to foster a diverse environment

NVIDIA — Web Application Developer *May - Aug 2017 in Santa Clara, CA*
Internal tools web application.

- Contributed software and design overhauls to internal communications tool to boost productivity between engineering and marketing teams
- Migrated existing **JavaScript** front-end (Kendo UI) to **TypeScript** and a modern front-end framework (**Vue.js, jQuery UI**) to simplify code base while actively designing and implementing new features for the tool
- Spearheaded the initiative to improve user experience with Material Design conventions (mockups in Sketch)

EXTRACURRICULARS

HACK THE NORTH — Sponsorship Coordinator *Mar - Dec 2017*

Collaborated in a team to close **47 sponsors** to run Canada's biggest hackathon hosting **1000+ hackers**.

BLUEPRINT — Developer/Designer/VP Design *Oct 2016 - Dec 2017*

Designed multiple flows for social good apps for non-profit organizations and worked on React front end.

UW WISTEM — Web Development Coordinator *Sept 2016 - Apr 2017*

Designed and developed official website to connect females across campus in STEM related fields.

SKILLS

Languages

Java (Android), Python, JavaScript/TypeScript, C/C++, Ruby

Web Development

HTML/CSS, jQuery, Vue.js, Bootstrap, Rails, Sinatra, SQLite, PostgreSQL

Tools/Design

Git, Perforce, Bash, Unity, Sketch, Invision, Wireframing

EDUCATION

University of Waterloo

Computer Science,
Honours 2020
GPA 3.8/4.0

Bitmaker

Web Development
Immersive Bootcamp
Summer 2016

ACTIVITIES

Residence Life Don

University of Waterloo
Sept 2015 - Dec 2016

Teaching Assistant

University of Waterloo
Sept 2015 - Apr 2016
Cell Biology, Genetics