

# Carol Yao

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## EXPERIENCE

### WISH — Software Engineering Intern

Summer 2018

Feature development for Wish shopping Android app.

- Incepted and spearheaded **wishlist items feed feature** to improve item suggestions; **Researched user behaviours** taking a data-driven approach, drove meetings with designers to create the UI and implemented the first iteration
- Delivered various UI features aimed at **improving overall user experience** such as a cart-saving feature and coupon notifications
- Built a 'returning-user-detection' feature for tailored interactions on app re-installs with early metrics showing a **4.8% boost in GMV** (Gross Merchandise Volume)

### TOAST — Software Engineering Intern

Winter 2018

Toast restaurant POS Android app and restaurant config web app.

- Worked with designers to consolidate the **branding and colours** across the Customer Facing Display and restaurant POS apps
- Led the development for the tipping and signature flow for the secondary display using Android presentations and JavaScript webviews
- Active member of the Women in Engineering resource group and pushed for workplace improvements to foster a diverse environment

### NVIDIA — Web Application Developer

Summer 2017

Internal communications tool web application.

- **Redesigned user interactions** in the internal tool to improve user pain points by continuously iterating and presenting designs to the team for feedback using **Sketch**
- **Designed new features** for the frontend team and worked together to implement them using TypeScript and a modern front-end framework (Vue.js, jQuery UI)

## PROJECTS

### Fitto

Conducted interviews with fitness trainers to find pain points and designed a mobile app solution that solves the problem of communication between trainers and clients during independent workouts.

Case Study - <https://carol-yao.github.io/fitto.html>

### FOE Canada

Worked with Friends of the Earth Canada to design an app to educate citizens about bee preservation. Created a gamified experience for users to learn about gardening tips and ways to protect your local environment.

Case Study - <https://carol-yao.github.io/foe.html>

## SKILLS

### Design

Sketch, Figma, Wireframing, Zeplin, Invision

### Tech/Code

Java (Android), HTML/CSS, JavaScript, Vue.js, jQuery, C/C++, Bootstrap, Python

## EDUCATION

### University of Waterloo

Computer Science, Honours 2020  
GPA 3.8/4.0

### Bitmaker

Web Dev Bootcamp  
Summer 2016

## ACTIVITIES

### Designer/VP Design

Blueprint  
Designed apps for non-profit organizations.

### Web Designer

UW WISTEM  
Designed official women in STEM site.

### Organizer

Hack the North

### Residence Life Don

University of Waterloo

### Biology TA

University of Waterloo

### Interests

Digital Art, Jewellery Making, Knitting, Sewing, Eating Seafood