

# Carol Yao

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

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## SKILLS

### Languages

JavaScript/TypeScript,  
C/C++, Ruby

### Web Development

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

### Tools

Git, Perforce, Bash, Unity

### Design

Sketch, Wireframing,  
Invision

## EDUCATION

### University of Waterloo

Computer Science,  
Honours  
Expected 2020  
Major GPA 3.8/4.0

### Bitmaker

Web Development  
Immersive Bootcamp  
Summer 2016

## ACTIVITIES

### Residence Life Don

University of Waterloo  
Sept 2015 - Dec 2016

### Biology Teaching Assistant

University of Waterloo  
Sept 2015 - Apr 2016  
Cell Biology, Genetics  
93% evaluation

## INTERESTS

Bouldering, Yoga,  
Acrylic Painting, Ink  
Sketching, Seafood & Sushi

## EXPERIENCE

### NVIDIA, Web Application Developer

May 2017 - Aug 2017 in Santa Clara, California

- Migrated front end **JavaScript** code from KendoUI to **Vue.js** and **jQuery UI** using **TypeScript** to simplify large code base
- Integrated features into an existing web application tool that streamlined communication between hardware engineering and marketing teams
- Coordinated design meetings with stakeholders and **spearheaded UI changes** for better user experience using Google Material Design guidelines (mockups in Sketch)

## EXTRACURRICULARS

### HACK THE NORTH, Sponsorship Coordinator

Mar 2017 - Present

- Collaborated in a team to contact numerous companies and close 47 sponsors with a 36% close rate to raise money to run Canada's biggest hackathon hosting 1000+ hackers

### BLUEPRINT, Project Developer & Designer

Oct 2016 - Present

- **The Somo Project** — Lead designer for SMS-based survey creation platform for a startup incubator in Africa and developed React front end
- **Friends of Earth** — Designed a main user flow for a mobile citizen science app to educate users on bee preservation and conducted several stakeholder meetings for user experience research

### UW WISTEM, Web Development Coordinator

Sept 2016 - Apr 2017

- Designed and developed the official website to use as a tool to connect females across campus in STEM related fields using **HTML/CSS** and **Bootstrap**

## PROJECTS

### REMINDR — August 2016 at Bitmaker (<https://goo.gl/dcBhcC>)

- Implemented tweet/direct message retrieval and posting through **3-legged OAuth** to build a web app that aggregates messages from various social media and sets reminders to keep in touch using **Rails** and **JavaScript**

### SNAG — Aug 2016 at Hack the 6ix (<https://goo.gl/dDu7bU>)

- Created an app that uses the **Twitter API** and **emotion API** to retrieve tweets related to personal finance to use as a tool for targeted advertising for the Wealthsimple challenge using **Rails** and **React**