

Carol Yao

Portfolio: carol-yao.github.io

EXPERIENCE

NVIDIA — Web Application Developer, Internal Tools

May - Aug 2017 in Santa Clara, California

- 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 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 an African startup incubator 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

UW WISTEM — Web Development Coordinator

Sept 2016 - Apr 2017

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

PROJECTS

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

- Built a web app that aggregates messages from social media and sets reminders to keep in touch using **3-legged OAuth** to retrieve and send tweets in **Rails** and **JavaScript**

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

- Created a tool for financial management companies to find potential users by retrieving tweets related to financial stress using the **Twitter API** and **emotion API** in **Rails** and **React**

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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 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

Teaching Assistant

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

INTERESTS

Bouldering, Yoga,
Acrylic Painting, Ink
Sketching, Seafood