

Benjamin (Huichuan) Cai

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Skills

- **Programming Languages:** JavaScript, C++, Python, HTML & CSS
- **Tools:** Node.js, Sass, jQuery, Git, React, React Native, Vim, MongoDB, Bootstrap, Flask

Projects

Ingredient Simplifier Present

- Developing a React Native mobile application. User can take a photo of the nutrition facts and get an explanation of simplified ingredients
- Working on testing on expo and deploying on firebase

CanadaU reddit Present

- Building a subreddit trend(subscribers and top posts) web application with reddit API
- Creating endpoints with Python and flask framework

Chat Web Application October 2019

- Built a real-time chatting web Application based on socket.io
- Managed and fetched chat history into mLab and HTML with mongoose and jQuery
- Implemented Express and body-parser as middleware to make change On request and response objects

Personal Portfolio July 2019

- Generated a responsive personal website with CSS flow box control node-sass package, JavaScript and HTML

SMS Text Newsfeed Application May 2019

- Developed a daily short message service (SMS) python program with Twilio API to inform user weather.

To Do List October 2019

- Built a web application to-do list with React, HTML and CSS

Experiences

UW coffeeNcode

University of Waterloo

Sept 2019 - Present

- Contributed to CoffeeNcode website with HTML, CSS and git version control

ELI Peer Leader

Renison University College

July 2019 – Sept 2019

- Organized social & academic events for 190 students
- Arranged and presented success coaching on study methods

Education

University of Waterloo

- Candidate of BAsC Computer Engineering

Sept 2019 – Present