

Michelle Xu

michelleshx462@gmail.com | (226)-234-7698 | Ontario, Canada
github.com/michelleshx | linkedin.com/in/xu-michelle

Skills

C, JavaScript, HTML, CSS, Java, Git

Tools

Node.js, Express.js, React, Bootstrap, MongoDB

Education

University of Waterloo | SEPTEMBER 2020 - MAY 2025

- Candidate for Bachelor of Software Engineering

Relevant Courses

Introduction to Data Abstraction

- Currently learning about data structures and object-oriented programming in C++

Programming Principles

- Learned and applied fundamental concepts such as recursion, sorting, pointers, and memory allocation using C

Technical Training

Udemy Web Development Bootcamp | FALL 2020

- Learned about and used web development tools and frameworks to create to-do lists, newsletter signups, and blogs

Projects

Fleurish (Hack the North 2021) | JANUARY 2021 | <https://devpost.com/software/fleurish-dsf150>

- Developed a plant recognition mobile app to encourage users to explore their local environment
- Used **Expo** and **React Native** to create frontend components (landing page, profile page, and navigation bar)

Wishful (SheHacks 2021) | JANUARY 2021

- Used **Java** and **Android Studio** to create an Android app to educate youth on budgeting
- Implemented a dynamic wish list using *RecyclerView* that allows items to be dragged and reordered based on priority

Keeper | DECEMBER 2020 | michelleshx.github.io/keeper-notes-app-challenge

- Created a notes web app using **React**, **React Hooks**, and **JavaScript**

Shady Assistant | SEPTEMBER - DECEMBER 2020

- Built smart glasses to identify and translate text found in images using a **Raspberry Pi**
- Used **Python** and **OpenCV** libraries to recognize, translate, and display text

Work Experience

Retail Team Member - Value Village | AUGUST 2019 - AUGUST 2020

- Processed sales transactions and assisted customers to provide a positive shopping experience