

# Yikwun Zhang

## Software Developer

A dedicated software developer passionate about solving complex problems using modern technologies.

## Education



### Bachelor of Computer Science (Expected)

Management Minor, Software Engineering Option  
University of Waterloo

Waterloo, Canada  
Sept. 2014 – Apr. 2019

## Projects



### HEALTH-E (Android)

- Mobile application designed to monitor a user's health using data collected from sensors on a smartwatch transferred through Bluetooth to their smartphone
- Displays, in real-time, the user's heartbeat plotted on a graph that will contact emergency personnel upon detection of unusual patterns

### YouTube Desktop Client (Java/Swing)

- Desktop application that fetches and displays YouTube videos using Google's API in either list or grid format, dynamically changing depending on the window size
- Results of a query can be filtered based on user ranking, saved to a file, and load from saves

## Experience



### Web Developer at Shew Properties, Toronto

September 2017 – Present

- Create webpages for new pre-construction real estate development projects in Toronto, Waterloo, York Region, and Mississauga
- Connect HTML registration forms to each website, forwarding the user-inputted data to a CRM, setting up for appropriate marketing activities (**500+ added**)
- Optimize SEO of main website, resulting in over **50%** higher search result rankings for many pages

### Instructor at Hatch Canada, Toronto

January – April 2016

- Introduced the fundamentals of computer science to young developers aged 8-13 using the p5.js library in JavaScript (**100+ students**)
- Directed students on the basics of robotics through mBots and Scratch during a lively March Break camp

## Contact



### Website

yikwun.com

### Email

yikwun.zhang@uwaterloo.ca

### Phone

(416) 670-8515

## Skills



### Java (Advanced)



### C++ (Advanced)



### C (Proficient)



### C# (Proficient)



### SQL/DB2 (Proficient)



### Git (Moderate)



### JavaScript (Moderate)



### Bash Shell (Moderate)

