

# Yu Chen Hou

## Software Engineering

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## Summary of Qualifications

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- 3 years of experience with Java development on Android, Node.js, Angular.js and Web design
- Developed and released 15 Android utilities and games (natively and using Apache Cordova)
- Comfortable with Python, PHP, C and C# development as well as working with git, Linux and design (Photoshop)
- Proficient in English, French and Mandarin Chinese

## My Experience

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### SchedulingDirect, Montreal

Summer 2014

Android Developer

- Acquired teamwork experience while working in conjunction with the web service team at a local startup company
- Worked on the Android application programming and UI/UX design

### Art For Healing Foundation, Montreal

Summer 2014 - present

Web designer

- Revamped and currently maintaining a website powered by WordPress for a local NGO

### Marianopolis Robotics Team, Montreal

Sept. 2013 - Feb. 2014

Robot programmer and Web designer

- Built the school team website and worked on robot autonomous navigation using ROBOTC.

## My Projects

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### Android Development 🤖

- Published 15 [Android applications](#), including games and utility apps, over 3 years
- Released 6 open source apps and libraries on GitHub

[SleepyTime](#) — Popular sleep planning and scheduling application on Android used by over 400 000 users

[Notable](#) — Lightweight reminder app that makes use of the Android notification area used by over 300 000 users

[TakeABreak](#) — Location-aware tool to find nearby bathrooms and water fountains using open data from OpenStreetMap

- Winning project at Canadawide science fair 2014

[EarthGuesser](#) — Google Street View inspired trivia game using Google Maps SDK

[Metal Sniffer](#) — Metal Detector app using the built-in compass

### Web Development 🌐

- Experience with both front-end and back-end development, especially with Angular.js, Node.js, and Python (Flask)

[WatInfoSession](#) — Open source Apache Cordova/Ionic app to find job info sessions on the uWaterloo Campus

- Built web scraper and API to serve content to app in Node.js

[WatAreFriends](#) — Hackathon project to calculate school-work schedules for UW Coop students in Node.js

[CVPress](#) — LinkedIn Resume generator for Hack the North built using Node.js

## My Education

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### Candidate for Bachelor of Software Engineering

2014 - 2019 (expected)

University of Waterloo, Ontario

- Android Director at UW AppDev club, involved with member workshops and club projects

### Diploma of Collegial Studies in Science

2012 - 2014

Marianopolis College, Montreal, Quebec (CEGEP)

- President of the photography and computer science clubs & part of CRC robotics team and science fair club

## My Awards

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- **2014:** Graduated CEGEP on the Honour Roll in the Honours Pure & Applied Science program
- **2014:** **Bronze medal** at Canadawide Science Fair, **Silver Medal** at Expo-Science Hydro-Quebec for work on TakeABreak
- **2014:** **1st place** in CRC Robotics competition
- **2014:** **1st place** at Google Developer Group Montreal Hackathon for an Android Wear application

## My Hobbies

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Photography - Gardening - Electronics - Reading - Geocaching - Hiking - Biking - Food Enthusiast - Rock Music