

Yu Chen Hou

1B Software Engineering

✉ ME@YUCHENHOU.COM

☎ (226) 606-6134

🌐 YUCHENHOU.COM

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Summary

- Experience with Java, Android Development, Node.js, Angular.js and Web design
- Comfortable with Python, PHP, C and C# development
- Deeply passionate about all things technology
- Three years of Java programming experience, especially on the Android platform
- Proficient written and verbal communicator in English, French and Mandarin Chinese

My Experience

SchedulingDirect

Summer 2014

Android Developer

- Designed UX as well as interfacing with the web service API at a local startup
- Acquired teamwork experience in working in conjunction with the web service team

Art For Healing Foundation

Summer 2014 - Ongoing

Web designer

- Redesigned and maintains a website powered by WordPress for a local NGO based in Montreal, Canada

Marianopolis Robotics Team

Sept. 2013 - Feb. 2014

Robot programmer and Web designer

- Worked on school team website and robot programming in ROBOTC.

My Projects

Android Development



- Published a dozen [Android applications](#), including games and utility apps
- Experience with Java + Android SDK, Apache Cordova and Ionic development
- Released open sourced apps and libraries on GitHub

[SleepyTime](#)

- Sleep scheduling application on Android
- Used by over 400 000 users worldwide

[Notable](#)

- Lightweight notification reminder app
- Used by over 300 000 users worldwide

[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.

[Metal Sniffer](#)

- Metal Detector app using the built-in compass

Web Development



- Experience with both frontend and backend development, especially with Angular.js, Node.js, and Python (Flask)

[WatInfoSession](#)

- Cordova/Ionic app to find job info sessions on UW Campus

[WatAreFriends](#)

- Hackathon project to calculate school-work schedules for UW Coop students

[CVPress](#)

- Resume generator for Hack the North
- Scrapes information from LinkedIn, if desired

My Education

Candidate for Bachelor of Software Engineering

2014 - present

University of Waterloo, Ontario

- Received the Merit entrance scholarship
- Expected to graduate in 2019

Diploma of Collegial Studies

2012 - 2014

Marianopolis College, Montreal, Quebec (CEGEP)

- Graduated on the Honour Roll in the Honours Pure & Applied Science program
- President of the photography and computer science clubs for two terms
- Involved in the planning of various campus activities and club workshops
- Part of the school CRC robotics team and science fair club

My Awards

- **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

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