

Yixuan Wang

2A Software Engineer

514-836-4794

wangyixuan98@hotmail.com

<https://github.com/yixuanwang>

yixuanwang.github.io

WORK EXPERIENCE

May - Aug 2017 **Front-End Developer** *SQL, PHP, ReactJs, SASS*
OICR

- Led the migration from Drupal to Jekyll of over 25 websites
- Wrote several feature such as auto-sorting, auto-resizing, multi-level expansion sidebar and a PHP data extractor
- Architected and implemented a brand new Jekyll baseline skeleton optimized for the company use

Jan - Apr 2016 **Web Developer** *Bower, Compass, JQuery*
Marianopolis Robotic Club

- (1st Place Winner) Website component for CRC competition
- Designed a fully responsive website of 10+ pages on the theme of Mario using Photoshop, HTML, CSS, JS
 - Implemented powerful jQuery page transitions and SASS element animations

PROJECTS

Nov 2016 **Beat it!** *C/C++, Tiva Launchpad*

- A reaction minigame developed for microcontrollers with a pixel based custom game UI
- Deployed on the Tiva C board using the Energia platform
 - Implemented usage of Orbit Booster Pack (OLED display, accelerometer, and potentiometer) for in game features

Nov 2016 **SHEalth** *Node.js, MongoDB, Heroku, Twilio API*

- (Hackathon Winner) A healthcare application accessible by phone call and SMS, in addition of having a Web client
- Set up the Twilio's API on top of a Node.js platform and a MongoDB database, deployed on Heroku
 - Implemented features such as the Text to Speech and an automatic message bot

Aug 2015 **OneTreePlanted** *Ruby on Rails, Facebook API*

- A web application that encourages the plantation of trees
- Designed a website entirely from scratch in 36 hours using Ruby on Rails web framework
 - Provided a user authentication using the Facebook API

ACHIEVEMENTS

- 2016* Impact Prize Winner of BreakInequality Hackathon
2016 Best CEGEP Hack Winner of Robohack Hackathon
2016 Perfect Score in CCC Junior competition

SKILLS

Languages

Assembly, Bash, C/C++, JavaScript, MySQL, PHP, Python, Ruby, Scala

Web Dev

NodeJs, ReactJs, Azure, SASS, Angular, JQuery, HTML/CSS, Bootstrap, Drupal, Jekyll

Technologies/Tools

Git (Proficient)
Heroku (Proficient)
Linux (Proficient)
Visual Studio (Proficient)
Windows (Proficient)
Photoshop
Vim

Communication

Chinese Mandarin (Proficient)
English (Proficient)
French (Proficient)

EDUCATION

2016 – present

Bachelor of Software Engineering

University of Waterloo,
Expected graduation in 2021

2015 – 2016

Diploma of College Studies

CEGEP Marianopolis

INTERESTS

Piano, Badminton, Skating,
E-sport, Board game