

WONG TSZ FUNG (ALVIN)

alvinwong312@gmail.com | 647 988 8346 | 1B Computer Engineering

SUMMARY OF QUALIFICATIONS

- Experience working with Java, C++/C, NodeJS, Socket.IO, HTML&CSS, Python, VHDL, Android development with Android Studio, and Arduino boards with ultrasonic and infrared sensor
- Over 2 years of paid work experience providing computer and electronic device maintenance services
- Experience in managing data with Excel, report writing with Word and designing professional PowerPoint presentations
- Completed multiple technical projects such as designing computer games and constructing a car.
- Engineering experience in product design over two summers through participating in DEEP Summer Academy.
- Fluent in English, Cantonese and Mandarin

WORK EXPERIENCE

Computer Technician

Itecht Computers, Markham, ON. 2014 – 2016

- Identified issues with customers' computers and repaired them
- Expanded knowledge on computer structures and systems
- Learned to use industry software such as MRI to detect computer defection

PROFESSTIONAL DEVELOPMENT

DEEP Summer Academy, *University of Toronto, Toronto, ON, 2014*

- Built a robot with ultrasonic and infrared sensors to detect obstacles, the robot travels through a maze by avoiding obstacles
- Constructed a solar panel car

Projects:

Web chat application

- Two users chat in a chat room through internet
- Each user is randomly assigned to a chat room
- User can manually disconnect or wait until chat room timeouts

Web colouring Application

- Users can download any picture and colour it however they want
- Stroke colour and width is customizable.
- Multiple users can colour same picture over internet

Computer arcade game

- Developed a shooting game using C++
- Player moves character and shoot monsters to avoid dying

EDUCATION

Candidate for Bachelor of Applied Science, Computer Engineering,
University of Waterloo, Waterloo, ON, 2016 – Present