# Key Skill Set

* Proficient in Java, C#, VBA,;

Experience in SQL, Android development and C++

Familiar with website development and Arduino

* Proficient in MS Office, especially in Access and Excel
* Experience of designing and building databases
* Familiar with Linux (Ubuntu) OS
* Photographer, familiar with Adobe Photoshop
* Able to communicate in both English and Chinese Mandarin
* Good driver with full license

# Education

## Candidate for Bachelor of Applied Science, Computer Engineering, University of Waterloo, ON, Sept. 2014 – Present

GPA 3.9, Dean's Honours List, Excellent academic standing,

## Ontario Secondary School Diploma: St. David Catholic Secondary School 2014

Honour Roll Academic Achievement; Ontario Scholar

# Experience

## IT Support, City of Toronto – Toronto Water, Toronto, Canada, Winter 2015 & Fall 2015 (8 months)

* Designed and built multiple relational databases run by SQL and VBA
* Built databases feature functions of data analysing and report generating
* Troubleshot other databases; fixed and enhanced existing systems
* Maintained databases, wrote user and tech documentation for them

## Technical Support & Customer Service (Apprentice), Xinyu Computer Technology Ltd. Mudanjiang, China, Summer 2014

* Troubleshot for PC hardware, operating system and application software
* Assembled compatible PC
* Installed and troubleshot CCTV cameras using DVR and PC

# Project

## Online Order-placing Android Model (Ongoing)

* A client – server – business-owner communication model: the user-ends are on Android platform, and they communicate through the Apache server which runs MySQL database.

## Personal Website

Designed and built personal website using HTML, CSS and jQuery. The website are hosted on Github.

## Arduino Segway Robot

Built self-balancing segway robot using Arduino as controller, involved Accelerometer and half-bridge driver.

# Volunteering

## Custodian Assistant Waterloo Mennonite Brethren Church, Waterloo, ON, Oct. 2012 – Dec. 2013

Provided weekly maintenance for church through assisting custodian

## After-school Program Assistant Christ Evangelical Lutheran Church, Waterloo, ON, Oct. 2012 – Dec. 2013

* Organized snacks for program attendees, ensuring accuracy of process
* Worked as part of a team to provide safe after- school program for approximately 15-30 children

## Technical Support (Apprentice, Volunteer), Mudanjiang Petroleum Company, Mudanjiang, China, July 2013

* Installed and troubleshot CCTV cameras using PC network
* Arranged wire for over 800m net length in a team

# Other Awards and Achievements

* Subject Award for Outstanding Achievement in Grade12 Computer Engineering Technology, St. David

C.S.S., Waterloo, ON, June. 2014 (awarded for graduating as top of class)

* Canadian Senior Mathematics Contest: Certificate of Distinction, School Champion and Medalist by University of Waterloo, St. David C.S.S., Waterloo, ON, 2013
* Euclid Math Contest: Certificate of Distinction by University of Waterloo, St. David C.S.S., Waterloo, ON, 2013

# Activities & Interests

Enjoy arts: photograph, piano, violin

Enjoy sports: swimming, badminton, archery, skiing

Enjoy cooking