Yushi (Alfred) Cao

1B-2A Electrical & Computer Engineering

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Key Skill Set

- Proficient in VBA, Java, C#;
  Experience in SQL, Android development and C++
  Familiar with Static website development, .NET 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, Excellent academic standing, Ranked top 5 in program

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 databases on MS Access platform involving VBA programming and SQL
- Built database with 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

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

Project

Personal and Company's Website

Designed and built websites using HTML, CSS and jQuery. Websites 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

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