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| ZIJIAN ZHOU | 1A Electrical Engineering | ID#: 20614735 [z239zhou@uwaterloo.ca](mailto:z239zhou@uwaterloo.ca) | (647)898-4339  Address: 163 University Avenue West, Waterloo, Ontario |

# Highlights of Qualifications

* Intermediate understanding of Java with 1 year of learning and practicing
* Experienced in designing and programing Robotic and Arduino projects
* Ongoing microcontrollers and hardware design and programing
* Practiced experience with Windows and Microsoft Excel, Word and PowerPoint
* Strong organization and time management skills demonstrated through participating a large sales event and volunteer experience
* Critical thinking and diligent attitude towards any task developed through project works
* Fluency in Chinese, both speaking and writing

# Relevant Projects

Arduino Color Sorting Device, Personal project, September/2015 – present

* Enhancing programing practice based on language C/C++
* Developing self-learning ability through daily research and practice of electronic components

Vex Controlled Robotic Athlete, Computer Engineering, February/2015 – June/2015

* Designed powertrain of the robot and programed it to move and do push-ups autonomously
* Troubleshot the construction more than 10 times to ensure maximum efficiency
* Demonstrated leadership and organizational skill by distributing work partition to the team accordingly as team leader

Arduino Memorization Game, Computer Engineering, February/2015 – June/2015

* Succeeded to utilize electronic components including matrix display, shift register and keypad etc. with efficient programing code
* Increased the understanding of hardware components for future education

Java Based Texas Hold’em Poker game, Computer Science, May/2014 – June/2014

* Created a program of Poker based on Java using Graphic User Interface
* Critical thinking and analytical abilities obtained by debugging program in order for coding efficiency

# Education

**UNIVERSITY OF WATERLOO**, Waterloo, Ontario

**Candidate for Bachelor of Applied Science, Electrical Engineering**, September 2015 – present

**Relevant Courses**: Fundamentals of Programing, Linear Circuits, Chemistry for Engineers, Physics of Electrical Engineering,

**DON MILLS COLLEGIATE INSTITUTE**, Toronto, Ontario

**Ontario Secondary School Diploma**, June, 2015

**Relevant Course:** Computer Science, Computer Engineering

**ZIJIAN ZHOU**

# Volunteer

Volunteer, Hong Fook Mental Health Association, Toronto, ON. , February 5th – April 9th, 2014

* Strengthened communication skill by attending seminar sessions and having peer discussions

Volunteer, The Down Way Covenant United Church, Toronto, ON. , October 18th – October 26th, 2013

* Organized oversized products’ placed inside the church
* Held a sales position in man’s clothing
* Developed organization and time management skills as well as basic marketing technics as a volunteer

# Awards and Achievements

* Workplace Hazardous Materials Information System (WHMIS) certified, September. 14th, 2015
* University of Toronto Engineering Scholarship of $4,000, University of Toronto, May,2015
* University of Waterloo President’s Scholarship for achieving a final average of 92.5%, University of Waterloo, May/2015
* Advanced Function Award for obtaining the highest mark of 97% in school, Don Mills Collegiate Institute, June/2015

# Activities and Interests

* Badminton Club, Waterloo, ON. September/2015 – present
* High technological devices, such as Virtual Reality, Nanotechnology and Operating Systems
* Watching tech-related YouTube channels, such as “Jeremy Blum” and “LinusTechTips”
* Reading and watching science-fiction novels and movies