

# JOHN XU

1B ELECTRICAL ENGINEERING  
ADDRESS: 57 SPRUCE GARDENS, BELLEVILLE, ONTARIO  
CELL PHONE : 613 - 922 - 0826 • E-MAIL: jx2xu@uwaterloo.ca

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## HIGHLIGHTS OF QUALIFICATIONS

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- Proficient in the object oriented programming languages C# and Java learned through courses
- Self-taught SQL and familiar with Agile development through software design course
- One year of office work experience in maintaining files and documents, inputting data onto online databases, creating flyers and promotional material, and managing a multi-line phone system
- Excellent communications skills developed through dealing with clients and agents in the office and on the telephone
- Ranked 3<sup>rd</sup> out of 180 Electrical Engineering students for academic standing in 1A and 1<sup>st</sup> out of 78 Electrical Engineering students for academic standing in 1B
- Reliable, diligent, and organized worker and problem solver with quick learning skills
- Proficient in French and Mandarin Chinese

## EDUCATION

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**Candidate for Bachelor of Applied Science**, Electrical Engineering, Co-operative Program, University of Waterloo, Sept. 2013 – Present

- Relevant Courses: Introduction to Programming – C#, Engineering Design in Embedded Systems, Linear Circuits, Digital Circuits and Logic, Calculus 1 for Engineers
- 1A term average: 98%

### **Moirs Secondary School**

**Sept. 2009 – June 2013**

- Graduated with Honours and as an Ontario Scholar
- Completed two International Baccalaureate Certificates in Higher Level Mathematics and Higher Level English.

### **Relevant Assignments**

Dynamics and Energy Roller Coaster, Grade 12 Physics      Nov. 2012 – Jan. 2013

- Designed and built a scale-model marble roller coaster as part of a team of two
- Calculated and accounted for relevant centripetal forces and G-forces on the track to meet roller coaster standards

## WORK EXPERIENCE

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### **Ontario Public Service**

**May 2014 – Aug. 2014**

- Developed an application to monitor the status of government applications and to notify the operations team if there are issues
- Developed a VBA application to analyze data from a log file and generate reports to inform the operations team of application downtime

### **Century 21 Lanthorn Real Estate Ltd.**

**July 2012 – Aug. 2013**

- Maintained databases of more than 100 real estate listings
- Handled calls on a multi-line phone system and dealt with clients to provide customer service

- Created promotional material for listing advertisements to attract clients

**Belleville Choral Society**

**Jan. 2011 – April 2013**

- Provided piano accompaniment for the choir during rehearsals and performances

## VOLUNTEER EXPERIENCE

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**Waterloo Engineering Competition**

**Nov. 2013**

- Contributed to the running and overseeing of the competition
- Maintained the inventory of building materials and tools in the workshop for the projects
- Monitored the competitors during design and building stages to ensure fair competition

**High School Committees**

**Sept. 2009 – June 2013**

- Organized and ran various events as a member of student council
- Tutored several math students and helped to improve their grades
- Put together fundraisers and raised money towards global issues on the Global Awareness Club
- Filmed and edited video for school events as part of the television club
- Kept score and time for competitive inter-school basketball games

**Syria Fundraiser**

**Nov. 2012 – Feb. 2013**

- Organized and ran several sales and a gala event to raise funds towards helping refugees of the conflict in Syria

**Food Vendor**

**July 2009 – July 2012**

- Volunteered yearly at the Chinese food tent at the Belleville Waterfront festival for the Quinte Chinese Association; sold food, prepared orders, and helped with setup and teardown

## AWARDS AND SCHOLARSHIPS

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- Recipient of the President's Scholarship of Distinction and the Engineering Entrance Scholarship from the University of Waterloo for an admissions average of above 95%
- Graduated secondary school with the top academic standing (97% average) of a class of 150 and received the Governor General's Academic Bronze Medal
- Obtained the top school-wide average in Grades 9, 11, 12, and the 2<sup>nd</sup> highest average in Grade 10
- Recipient of the Horatio Alger Scholarship for demonstrating integrity and a desire to contribute to society
- Recipient of the Leona K. Riggs Estate Scholarship for excellence in music

## INTERESTS

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- Studied piano for over 10 years and played for various choirs, singers and bands at church, as well as by myself at concerts and other events such as receptions and dinners
- Played the trumpet in concert band and pit band at high school (2007 – 2013)
- Enjoy playing badminton and soccer at intramurals and clubs (2009 – present)