

Shawn Sheng

1B Electrical Engineering

Permanent Address

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Local Address

Village 1
University of Waterloo
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SUMMARY OF QUALIFICATIONS

- Proficient with web development tools such as HTML5, CSS3, LESS, JavaScript, AngularJS, jQuery, Grunt, NodeJS, Jasmine and Mercurial
- Experienced in programming languages such as Java and C#
- Vast knowledge of Object Oriented Programming
- Strong ability to learn new concepts quickly
- Excellent communication skills both orally and in writing

WORK HISTORY

Front-End Developer

Genesys Telecommunications Laboratories / Markham, ON / Jan 2015 – Apr 2015

- Member of the core team for an easy-to-use framework built for web development
- Resolved multiple defects affecting various components in the framework
- Created extensive unit tests for new and existing code
- Implemented innovative features to enhance the functionality of various elements
- Abided to strict software development processes and conventions

Carpenter

Q-Carpentry / Guelph, ON / Jul 2013 – Aug 2014

- Assisted with the trimming of houses under construction by Carson Reid Homes
- Completed numerous home improvement projects
 - Installing porcelain tiles, vinyl and laminate flooring
 - Finishing basements (drywall, taping, plumbing, electrical, painting, trim)
 - Various amounts of trim work such as installing new doors and baseboard
- Comfortable handling a wide variety of tools such as saws, nail guns, drills and hammers

PROJECTS

2D Platform Video Game

- Worked with a team to design and program a side scrolling fighter video game in Java
- Implemented features such as sound effects, combo multipliers, player controls and AI
- Followed the Software Development Life Cycle throughout entire project

Tic-Tac-Toe

- Created a game of Tic-Tac-Toe in Java with a Graphical User Interface
- Program prompted 2 players for their respective coordinates and updated grid with “X” or “O” accordingly until a winner or tie is determined

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VOLUNTEER EXPERIENCE

Warehouse Volunteer

Guelph Food Bank / Guelph, ON / Jul 2013 – Aug 2013

- Assisted the Guelph Food Bank warehouse team
 - Stocked donated food neatly onto specific shelves
 - Transferred items to be restocked or handed out
- Maintained an organized and efficient warehouse to minimize safety hazards
- Worked with a team to quickly and effectively deliver goods to those in need

Teaching Assistant for Youth

International Languages Program / Guelph, ON / Sept 2009 – Sept 2012

- Collaborated with instructor to help teach Mandarin to children
 - Printed and distributed worksheets to students
 - Supervised children during break time and kept them under control and safe
- Demonstrated leadership skills by making sure the students behaved and were on-task
- Assisted students who were struggling to stay engaged in class

EDUCATION

Candidate for Bachelor of Applied Science in Electrical Engineering

University of Waterloo / Waterloo, ON / Sept 2014 – Present

- Awarded President's Entrance Scholarship of Distinction for achieving a 95%+ average

Ontario Secondary School Diploma

Centennial CVI / Guelph, ON / Sept 2010 – Jun 2014

- Awarded Academic Honour Roll in grades 9 – 12
- Graduated with 97% average in 7 4U level courses

EXTRA CURRICULAR/ACHIEVEMENTS

- 2014 – Awarded Madter Family Scholarship for academic achievement
- 2014 – Received Math and Science Proficiency Awards
- 2014 – Wrote Calculus BC and Physics B Advanced Placement exams
 - Achieved a score of 5 on both exams
- 2011 – 2014 – Competed in the Pascal, Cayley, and Euclid Math Contests
- 2013 – 2014 – Competed in the Sir Isaac Newton Physics Contest
- 2013 – 2014 – Science and Mathematics Tutor
- 2013 – Competed in the Ontario Association of Physics Teachers Physics Contest
 - Finished in the top 92 percentile of all students in Ontario

INTERESTS/HOBBIES

- Enjoy solving puzzles, playing badminton, reading books and watching movies.