

# **Shawn Sheng**

1B Electrical Engineering • ID #: 20558336

## **Permanent Address**

6 Skye Place  
Guelph, ON, N1G 1M6  
Home: (519) 824-5440

<http://shawنشeng.me>  
[s6sheng@uwaterloo.ca](mailto:s6sheng@uwaterloo.ca)  
Mobile: (519) 993-5440

## **Local Address**

Village 1  
University of Waterloo  
Waterloo, ON, N2J 4B6

## **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

# **Shawn Sheng**

Page 2

## **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.