

STEPHEN ZHAO

1B Honours Bachelor of Computer Science | UW ID: 20615958

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GitHub [git.zhaostephen.com](https://github.com/git.zhaostephen.com)

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SUMMARY OF QUALIFICATIONS

- > 5 years of coding experience, participating in Hackathons and competitions
- > Proficient with full-stack web development, through self-study over the past year, using modern technologies such as NoSQL databases, NodeJS, and Single-Page Application frameworks
- > Studying Computer Science at the David R. Cheriton School of Computer Science at University of Waterloo
- > Over 200 hours of community service and 2 years of paid job experience, mostly in leadership and instructional positions

PROFESSIONAL & VOLUNTEER EXPERIENCE

Manager

Student Learning Works Centre,
Mississauga, Ontario,
Oct 2013 – Jun 2015

- > Supervised tutors and delegated duties to junior staff members
- > Trained two new staff members
- > Wrote reports weekly to the Director on the status of students, junior staff, and the location
- > Tutored students from grades 1 to 12 in subjects such as Calculus, Chemistry, Physics, Economics, Computer Science, and English.

Co-President

The Prefects,
At The Woodlands School,
Sep 2013 – Jun 2015

- > Directed the organization to raise a total of \$15 000 in 2015—topping the previous record set in 2014—which were donated to charities such as the Terry Fox Foundation, Movember Canada, Make-A-Wish, and First Nations Child & Family Caring Society of Canada
- > Managed organization finances and budgeting, along with the Treasurer
- > Planned, marketed, and executed fundraising events both at the school-wide level and community level, outreaching to donors all across Mississauga
- > Coordinated the recruitment process, and trained new members in fundraising, teamwork, and leadership
- > Acted as the liaison between school staff, school administration, the organization, and other school clubs

Cadet Warrant Officer

105 Streetsville – 7th Toronto
Regiment – Royal Canadian
Army Cadets,
May 2011 – Jun 2015

- > Held the role as the Administration NCO (Non-Commissioned Officer):
 - o Created, reviewed, and organized paperwork for over 100 cadets
 - o Collected, reported, and responded to all cadets' administration-related issues
- > Received a Member of Parliament award for guarding the Streetsville Cenotaph overnight before Remembrance Day in 2013
- > Received the Army Cadet Service Medal for 4 years of continued service
- > Achieved and maintained a First Class Marksman qualification in air rifle marksmanship
- > Achieved the Excellence Fitness qualification
- > Commanded a platoon of cadets (15-25 NCMs) on ceremonial parade
- > Oversaw and trained groups of 5-10 cadets in survival and navigation during field training operations

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EXPERIENCE CONT'D

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| Volunteer
Streetsville Branch Library,
Mississauga, Ontario,
Oct 2012 – Nov 2014 | <ul style="list-style-type: none">> Taught elders in one-on-one sessions on the basics of using a computer as a Computer Buddy> Served over 158 hours, was nominated twice as volunteer of the year> Reorganized shelves, maintained building aesthetics, and stamped papers |
| President
The Woodlands Computer
Science Club,
Sep 2014 – Jun 2015 | <ul style="list-style-type: none">> Taught Computer Science concepts to members of the club at weekly meetings> Planned club excursions> Helped the teacher sponsor organize contests |

EDUCATION

- | | |
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| University of Waterloo
Waterloo, Ontario
Sep 2015 – Present | Candidate for Honours Bachelor of Computer Science, Computer Science Co-op

<i>Awards:</i> <ul style="list-style-type: none">> Randall J. Howard Entrance Scholarship (2015)> President's Scholarship of Distinction (2015)
<i>Relevant Courses:</i> Elementary Algorithm Design, Designing Functional Programs, Probability, Calculus 1 & 2, Linear Algebra 1 |
| The Woodlands School
Mississauga, Ontario
Sep 2011 – Jun 2015 | Ontario Scholar; Honours student all 4 years, with 95% GPA

<i>Awards:</i> <ul style="list-style-type: none">> Subject Awards in Computer Science and Maths> Honours in several Math contests such as the Certificate of Distinction for the Euclid Contest (2014)
<i>Competitions:</i> <ul style="list-style-type: none">> Hack the North 2015> Tech Retreat 2015> ECOO 2014 |

TECHNICAL SKILLS

Languages and Libraries

- > MongoDB databasing, specifically access using MongooseJS; moderate proficiency
- > NodeJS server-side programming, using ExpressJS app RESTful services and passport authentication; moderate proficiency
- > HTML5, CSS3, JavaScript, using JQuery for animations and AngularJS as client-side MVC; high proficiency
- > Python3.4; moderate proficiency
- > Racket; high proficiency
- > Java and C; prior experience
- > Turing; prior experience

Software

- > Git command line for source control management; moderate proficiency
- > Adobe Creative Suite software, most notably Adobe Photoshop, Adobe Photoshop Lightroom, Adobe After Effects, Adobe Premiere; high proficiency
- > Sublime Text and VIM text editors; moderate proficiency
- > Netbeans for Java programming; prior experience
- > Linux BASH scripting; elementary proficiency
- > Windows PowerShell / CMD; elementary proficiency

My website, www.zhaostephen.com, employs a combination of the above technologies in a responsive, mobile-friendly solution.