

STEPHEN ZHAO

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1B Honours Bachelor of Computer Science | University of Waterloo

TECHNICAL SKILLS & QUALIFICATIONS

- > Full-stack web development using **Node.js**, **MongoDB** database, **PassportJS** authentication, **AngularJS** client-side, and **JQuery** animations, implementing **RESTful** services; demonstrated at www.zhaostephen.com
- > Proficient languages: **Python**, **JavaScript**, **HTML/CSS**, **Java**, **C/C++**, **Racket**, **Turing**
- > Understanding of **data structures** (lists, hash tables, trees), **graphs** (searches), **dynamic programming**
- > Over 200 hours of community service and 2 years of paid job experience, mostly in **leadership** and instructional positions, gaining valuable interpersonal communication skills
- > Worked with many IDEs/editors (**NetBeans**, **Eclipse**, **Android Studio**, **Sublime Text**), **GitSCM**, **BASH & CMD**
- > Highly experienced with Adobe Photoshop; proficient in Dreamweaver, Illustrator, and After Effects
- > Have past experience with **Android** development, **Win32**, and **OpenGL**

EDUCATION

Candidate for Honours Bachelor of Computer Science, University of Waterloo Sep 2015 - Present

- > 89.2% cumulative average in term 1A
- > Awards: Randall J. Howard Entrance Scholarship (2015), President's Scholarship of Distinction (2015)

Ontario Scholar, The Woodlands School, Mississauga, ON

Sep 2011 – Jun 2015

- > 95% graduating average, Enhanced Learning Program
- > Project: **Employee Database** – a **Swing** Java application that loads & saves info to database files

PROFESSIONAL & VOLUNTEER EXPERIENCE

Manager, Academic Centre of Excellence, Mississauga, ON

Oct 2013 – Jun 2015

- > Supervised and coached junior staff members
- > Wrote weekly reports to the Director on the status of students, junior staff, and the location
- > Tutored 5+ students from grades 1 to 12 in various subject areas such as Computer Science and Economics

Co-President, The Prefects, at the Woodlands School

Sep 2013 – Jun 2015

- > Directed the organization to fundraise 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 and Movember Canada
- > Coordinated planning, marketing, and execution of events both at school-wide level and community level
- > Managed the recruitment process, and trained new members in fundraising, teamwork, and leadership

Cadet Warrant Officer, 105 Streetsville Royal Canadian Army Cadets

May 2011 – Jun 2015

- > Reviewed, reported, and responded to administration-related issues as the corps' Admin NCO
- > Trained, commanded, and oversaw platoons of cadets (5 – 25 cadets) on parade and in the field

Volunteer, Streetsville Branch Library, Mississauga, ON

Oct 2012 – Nov 2014

- > Taught elders in one-on-one sessions on the basics of using a computer, serving over 158 hours total

President, The Woodlands Computer Science Club, at the Woodlands School

Sep 2014 – Jun 2015

- > Planned for and taught Computer Science concepts & Python at weekly meetings

SIDE PROJECTS

- > **sGraphics** – Python library for 3D graphics (matrix transformations)
- > **eAttire** – web app for laundry management, using Angular2 & Node.js
- > **SepenAnagramica** – console-based anagram game written in Python
- > **SepenLinuxBatteryMeter** – displays battery info
- > **Laser Dude** – top-down shooter game written in Turing

INTERESTS

- > Photography:
500px.com/stephen-zhao
- > Modding my games
- > Competing at hackathons
- > Designing graphics