

victor**szeto**

1B Electrical Engineering

languages

Fluent in **C#, Python, Java**
JavaScript - Node.js / AngularJS
CSS3 & HTML5
Experience with **Ruby, C++**
jQuery, Pascal, PHP, MySQL

technologies

Git, SVN, Android ADT
LaTeX, Bash, cmd

environments

Proficient with **Windows** and
Linux command line.
Experience using
Eclipse and **Visual Studio**.
Comfortable with any
text editor or IDE.

personal projects

2013

Mark Availability Checker

victorszeto.com/grades

- A grade availability web app written in AngularJS
- Sends a request to the server to dynamically update the view when a button is pressed

2013

Quest MarkScraper

github.com/victorvation/quest-markscraper

- A web scraper/API written in Node.js using Express and Cheerio libraries
- Scrapes Waterloo Quest and returns JSON upon a request to the server.

2013

Blog/Personal Website

blog.victorszeto.com

- Customized templating using Jade and added various CSS fixes

2013

DeckSlot9

open source project written in C#

- Implemented associated file handling and command line arguments
- Committed bugfixes and fixed encoding issues

work experience

2009–2013

Office Assistant

Sarnia, Ontario

Lambton County Library

- Assisted library clerks and technicians with report writing and communication in Microsoft Word and statistics spreadsheets in Microsoft Excel
- Worked with an enormous range of patrons from infants to retirees, answered general computer questions
- Co-operated with library technicians with inventory management, weeded and discarded books
- Directed library-run activities, managed time, answered patron queries while librarians were running events

volunteer experience

2011–2012

Course Mentor

Sarnia, Ontario

St. Patrick's Catholic High School

- Mentored a group of approx. 15 students in a computer science course.
- Reviewed students' code and provided guidance on how to debug and improve it.
- Gave students a deep understanding of logical reasoning and software development, leading to an increased class average.

2012–2013

Student Council Senior Representative

Sarnia, Ontario

St. Patrick's Catholic High School

- Edited event videos and promotional materials, worked in Sony Vegas and Adobe Photoshop
- Maintained open communication channels between the executives of Student Council and the average student
- Read daily announcements and worked with the Communication Minister to relay important Council-related information to the student body

contact

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education

2013–Present	Candidate for Bachelor of Applied Science, Electrical Engineering <i>University of Waterloo</i>	Waterloo, Ontario
	Selected Courses: <ul style="list-style-type: none">• ECE150: Introduction to Programming: C# programming language, principles of Object Oriented Programming. Final grade: 90%.• ECE155: Engineering Design with Embedded Systems: Android app development, principles of software engineering.	
June 2013	Ontario Secondary School Diploma <i>St. Patrick's Catholic High School</i>	Sarnia, Ontario
	Relevant Projects: <ul style="list-style-type: none">• pyCraps: Craps game written in Python using object-oriented design.• Punnett square solver: C++ program to solves Punnett squares given parent alleles as input.• Gaming macro: Script written in a Pascal derivative to automatically perform simple tasks in an online video game	

awards

Nov. 2013	Student Council Leadership Award	St. Patrick's Catholic High School
Nov. 2013	Governer General's Bronze Medal	St. Patrick's Catholic High School
Aug. 2013	W.J. Beynon Memorial Entrance Scholarship	University of Waterloo
Aug. 2013	President's Scholarship	University of Waterloo

activities & interests

2013	Muskoka Woods Leadership Experience Counselor <i>St. Patrick's Catholic High School</i>	Rosseau, Ontario
	<ul style="list-style-type: none">• Worked as a camp counsellor alongside a team of 150 other counselors and 100 teachers to lead and co-ordinate campers between activities, meal tables, and cabins• Maintained a strict schedule with campers and other leaders to ensure all activities were fully staffed, supervised transition times and teacher breaks	
2012–2013	St. Patrick's Jazz Band <i>St Patrick's Catholic High School</i>	Sarnia, Ontario
	<ul style="list-style-type: none">• Played piano and auxiliary percussion	

hobbies: math, foreign languages, clothing, photography, and music