

victorszeto

2A Computer Engineering

languages

Fluent in **JavaScript**
(ES5, node, jQuery),
C#, Java, CSS3 & HTML5
Experience with **C++**,
Python, PHP, and **mySQL**

technologies

Proficient with **bash, git**, and
other unix utilities.
Experience with **Apache**.

environments

Comfortable on **OS X**,
Windows, or **Linux**.
Experience using **Eclipse**
and **IntelliJ/Android Studio**.

experience

Full Stack Developer
Turnstyle Solutions

Toronto, Ontario
May – Aug. 2014

- Designed and built a Node.js task scheduler with a real-time API to send emails and tweets to client-specified segments of customers.
- Designed and developed an automated wifi monitor to immediately alert clients when their routers went offline, as well as periodic analytics updates.
- Created a front-end for a email support/ticketing system that measurably increased client engagement.
- Worked extensively on app localization by making many portions of the app translatable and creating a Node.js script to populate the translations database
- Worked on projects across the entire stack using a wide variety of technologies including JavaScript, Node.js, Backbone, Marionette, D3, PHP, mySQL.

projects

- **DMCalc** victorszeto.com/DMCalc
 - A simple discrete math and number theory problem calculator for for Android. Designed for problems seen in Waterloo's ECE 103 and Math 135 courses.
 - Implements a minimalist, modern Android design using Fragments and Swipe Views with tabs, using skills learned while taking ECE 155 and 103.
 - **SignalIntensity** victorszeto.com/SignalIntensity
 - An ultra-minimal Android app to measure the wifi signal strength (RSSI) detected by your phone.
 - **Ultimate TicTacToe** victorszeto.com/ultimate-tictactoe
 - A nested TicTacToe game in HTML5/jQuery, originally written in 24 hours for the Waterloo Facebook Hackathon.
 - **Quest-MarkScraper** github.com/victorvation/quest-markscraper
 - A Node API that scrapes and retrieves marks for the most recent school term from Waterloo's Quest website.
 - **Indoor Positioning System** (ECE 155)
 - Android app that calculates shortest path between two points on a map, giving you directions and updating your position in real time as you walk.
- See more at **VictorSzeto.com** and **github.com/VictorVation**

education

2013 – Now **Candidate for Bachelor of Applied Science, Computer Engineering**
University of Waterloo

Waterloo, Ontario

contact

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victorszeto.com
github.com/victorvation