

# 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**.

## contact

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victorszeto.com  
github.com/victorvation

## 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 create the skeleton 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