Jonathan Tsang

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Education

University of Waterloo **B.Sc : Computer Science**

2014 - 2019

Skills

Languages: Python | JavaScript | C++ | C# | jQuery **Technologies:** Git | Node.js | Heroku | Unity | Firebase

Professional Experience

QA Analyst **SurfEasy**

January - May 2017

- Developed the automation tests for iOS in **Java**, using Appium iOS Driver
- Ran tests for VPNs made by SurfEasy on iOS, Android, and Desktop for Mac and Windows
- Worked in an **Agile Environment** alongside developers to log and fix bugs found in the software

Web Analyst **West Corporation**

January - May 2017

- Cut migration time of clients' websites in half by using **Regular Expressions**
- Used **HTML, CSS, and Javascript** knowledge to clean and format clients' website content
- Built school notification apps for the clients' using an app builder

Projects

Microtransaction Simulator **Personal Project 2017**

- Coded a Probability based game built on the saturated microtransaction market
- Built using C#, Unity, and **Steam Developer APIs** and deployed to SteamWorks CDN
- Released to the **Steam Store** on September 14th 2017, with over **20,000 players and over 90% positive** ratings

Interest.Invest **PennApps 2017**

- Assisted inexperienced investors choose which stocks to invest in
- Queries a word, finds relevant stocks, and displays stock performance data
- Created a **Full stack web app** backend built with **NodeJS, SocketIO, Cheerio, Google Finance** data
- Frontend used jQuery, CanvasJS, and Bootstrap

BomberAI **HackPrinceton 2017**

- Written in **C# and Unity**, Bomberman style game with player moving and placing bombs
- Enemy AI powered by **IBM Watson Tradeoff Analytics API** and IBM Watson Unity SDK

Volunteering and Activites

Hack the North 2016 **Volunteer**

Fall 2016

- Supervised hackers at Hack the North 2016 building and discussed the hackers' project
- Set-up Hack the North, signed hackers in at check-in, and distributed Hack the North materials

Waterloo Orientation **Leader**

Fall 2015, Fall 2017

- Lead the orientation group in morning activities, supervised and mentored students
- Oversaw incoming first year students as a frontline leader

Velocity Residence Alumni | Hackathon Enthusiast | Top 25% in Leetcode Weekly Competition