

Jonathan Tsang

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Education

University of Waterloo Bachelor of Computer Science, Co-op, 2B

2014 - 2019

Skills

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

Projects

Investera **MHacksX Winning Project**

- **Won at MHacksX among over 1200 attendees** for the **best use of Wolfram API and MixMax API**
- Utilized Mixmax slash commands for stocks embedded in emails using Wolfram API; supports stocks data, stock comparisons, and date ranges in the graphs
- Allowed data visualization in emails such as plotting graphs, cryptocurrency price embedding, and company descriptions using Coinbase API and Blackrock API

Microtransaction Simulator **Personal Project 2017**

- Published to the **Steam Store** on September 14th 2017, with over **45,000 players and over 90% positive** ratings
- Coded a probability based game built on the saturated microtransaction market
- Built using C#, Unity, and **Steam Developer APIs** and deployed to SteamWorks CDN

Basic Identity Token **ETHWaterloo Winning Project**

- Created a **social media platform on the Ethereum blockchain** using Facebook authentication
- **Won Storj.io API prize at EthWaterloo**
- Coded backend in NodeJs, built with React frontend and smart contract coded in Solidity

Professional Experience

QA Analyst **SurfEasy**

January - May 2017

- Developed automation tests for iOS in **Java**, using Appium iOS Driver
- Ran regression 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 2016

- Cut migration time of clients' websites by 50% by using **Regular Expressions**
- Used **HTML, CSS, and Javascript** knowledge to clean and format clients' website content
- Built school notification apps related to safety and school events using an app builder

Volunteering and Activities

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