Jonathan Tsang

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Skills

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

Projects

Microtransaction Simulator   **Personal Project 2017**

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

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

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

Education

University of Waterloo   **Bachelor of Computer Science, Co-op, 4A**   2014 - 2019

- Minor in Combinatorics and Optimization

Clubs and Activities

Leetcode Weekly Contest Participant   **Top 25%**   January 2017 - February 2018

Waterloo Local ACM Contest Participant   February 2018

Ethereum Waterloo Member   September 2017 - February 2018