

Stephen Tsim

Software Developer

A passionate, hard-working, and ambitious individual striving to become a better Web Developer. I am passionate about exploring and utilizing new technologies to enhance UI experience and solve problems.

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WORK EXPERIENCE

Virtual Simulation Game Technician University of Ottawa

06/2020 - 08/2020

Ottawa, ON

Achievements/Tasks

- Designed virtual simulation games for over 100 users using Articulate Storyline 3
- Developed interactive and responsive websites from scratch

Contact: Jane Tyerman - Email: jtyerman@uottawa.ca

Software Engineer Intern Intersect

09/2019 - 12/2019

Kanata, ON

Intersect utilizes unsupervised machine learning to empower security teams by identifying unknown threats before data is stolen.

Achievements/Tasks

- Assisted in the implementation of a complete React dashboard solution with dynamically loaded components
- Utilized MobX contexts to support inter-widget communication within the dashboard solution
- Written and updated Cypress tests for the UI

Contact: Steve McDougall - Email: smcdougall@intersect.com

Software Tester You.i TV

01/2019 - 04/2019

Kanata, ON

You.i TV puts tools in the hands of development teams to build cross-platform, market-leading apps on screens of all shapes and sizes.

Achievements/Tasks

- Designed test cases to assist future testers
- Developed automated tests to reduce manual testing
- Generated, built and deployed tester applications onto 11 different platforms

Contact: Lorne Flindall - Email: ljflindall@gmail.com

EDUCATION

B.A.S. in Computer Engineering University Of Ottawa

09/2016 - Present

Ottawa, ON

Courses

- Object Oriented Programming in Java
- Algorithms and Data Structures
- Software Engineering and Construction
- Probability and Statistics

SKILLS

React.js

HTML5

Material-UI

CSS3

JS (ES6)

LESS

Python

Java

MobX

Git

Cypress

RESTful API's

Styled-Components

Unit Testing

BootStrap

XML

PERSONAL PROJECTS

Personal Website

- Implemented website using React and Material-UI. MobX was also used to manage states
- Website was designed to showcase web development skills and promote resume

Can-Sim Health Canada Website

- Built interactive and multilingual learning platform using JS with the help of WordPress themes
- Website was designed as a learning platform to support nurses in training through simulation

Website for Tanaka Sushi

- Designed and built a fully functional website using Squarespace for a small restaurant
- Managed website and made consistent updates as requested
- Increased website traffic by approximately 60%

Paris Metro Simulator (Java)

- Efficiently modelled Paris Metro stations using an adjacency graph in Java
- Found the shortest path between 2 given stations using Dijkstra's algorithm

LANGUAGES

Cantonese

Limited Working Proficiency

French

Elementary Proficiency