

# Susie Yu

<https://df0o.github.io/> | [mo.susie.yu@gmail.com](mailto:mo.susie.yu@gmail.com)

(647) 785-0026

2 Brethby Cres, Caledon, ON, L7C 3W2

## Summary

- Experienced in online web-based application system development in a team environment
- Strong in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.
- Passionate in developing software applications and working in an environment that provides an opportunity for creativity and innovation.
- Self-starter, innovative, and excellent team player.

## Technical Skills

- Operating Systems: Mac, Linux, Windows
- Programming Languages: Java, C#, C++, Python
- Database Technologies: MySQL, AWS, MongoDB
- Technologies: HTML, CSS, PHP, SQL, JavaScript, JQuery, ReactJS, AngularJS, NodeJS
- Versioning Control: Git, SVN
- General Software: Visual Studio, Unity3d, Android Studio, Qt Creator, Microsoft Office (Word, Excel, PowerPoint, Access), VMWare, Photoshop, Illustrator, InDesign, Blender

## Education

### Bachelor of Applied Science – Computer Science

Class of 2017

McMaster University, Hamilton, Ontario

- Courses include: Principles of Programming, Data Structures and Algorithms, Computer Architecture, Operating Systems, Web System and Web Computing, Databases, Haskell.

#### Capstone Project: Clinic Flow

- Project Scope: Worked as part of a five-member team on a discrete event simulation engine that optimized hospital patient and staff scheduling under inputted constraints. Analyzed functional requirements, developed code and tested software applications.
- Tools: SimPy, Django, D3, Bootstrap

#### Directed Readings Project: MacQuest – Indoor Navigation Mobile Application

- Project Scope: Worked under Dr. Rong Zheng to investigate human spatial representation and its implication on graphical interface design (GUI).

## Work Experience

### Full Stack Web Developer & IT Assistant

September 2016 – April 2017

McMaster University, Hamilton, ON

- Developed and maintained multiple web applications
- Used Symfony 3 and Wordpress to develop within a LAMP stack
- Provided technical support to campus systems: Installation, operation, and maintenance of computer systems. Configured hardware and repaired equipments.

### Freelance/Concept Artist

2006 – Date

- Draft and design UI and concept art (character and environments) for various indie games.
- Negotiate price and revision process with customers and clients.

### Mobile Developer

2010 – Date

- Develop various games in Unity and successfully deploying them to the IOS and Android Store.
- Marketing, advertisement and analytics of mobile games, and their monetization strategies.

### Logistics Project Assistant, Healthcare – Imaging & IT

June 2013 – September 2014

Siemens Canada Limited, Mississauga, ON

- Calculated and budgeted incoming medical equipment orders; maintained and catalogued past orders using Microsoft Excel
- Organized and archived project documentations electronically in SAP.