Susie Yu

https://df0o.github.io/ | 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, JavaScript, SQL, Ruby/Rails
- Database Technologies: MySQL, DB2, AWS
- Technologies: HTML, CSS, PHP/Laravel, JQuery, Node, Angular, D3, XML, JSON, Apache
- Versioning Control: Git, SVN
- General Software: Visual Studio, Unity3d, Android Studio, 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.

Capstone Project: Clinic Flow
- Project Scope: Worked as part of a five-member team on a discrete event simulation engine that optimize hospital patient and staff scheduling under inputted constrains. 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.