

Thomas Shang

Software Engineering

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Technical Skills

Languages: Java, C/C++ , Python, HTML, CSS, PHP, JavaScript, Matlab

Tools: Git, MySQL, Eclipse, Android Studio, Visual Studio

- Competent knowledge of UNIX utilities, shell scripts, and pipelines.
- Familiar with debugging, software testing and version control.

Education

McMaster University : Expected 2016 -2020

Candidate for B. Eng in Software Engineering – Embedded Systems

Overall Academic GPA: 3.84; Dean's Honor List

Experience

Full Stack Web Developer

May 2017 – August 2017

Top Olympiads, Mississauga, ON

- Led development of eLearning student portal, implemented core user functionality including student registration and various student content including homework and lecture viewing.
- Developed email verification and account recovery systems.
- Built comprehensive administrator page that covers all core functionality.

Projects

Employee Database: Java, XML

- Designed an interactive and intuitive GUI allowing for all CRUD functionalities using the Swing GUI toolkit.

Wallpaper App: Java, XML

- An app that automatically changes between several pre-set wallpapers after a given interval of time; developed using Android Studio.

Personal Website: HTML, CSS, JavaScript

- Developed using the bootstrap and jQuery libraries.

Other Experience

Assistant Instructor

August 2015 – August 2016

Kumon Math and Reading Centre, Mississauga, ON

- Aided students from K-12 in the subjects of Math and Reading
- Graded and provided feedback for student classwork