# Malay Shah

## Computer Science

Toronto, Ontario | Summer 2018

### CONTACT

github.com/malay-shah

in linkedin.com/in/ms-shah

**\** 1-647-886-5587

## **TECHNICAL SKILLS**

### Languages

Java C# C/C++Python PowerShell LaTeX HTML/CSS Haskell Racket **JavaScript** MySQL

Frameworks

ASP.NET MVC Bootstrap Flask JUnit

### **Technologies**

Visual Studio Git Bash Eclipse Android Studio Adobe Suite

MS Suite

## **INTERESTS**

Using Photoshop to develop graphic designs.

Passion for learning new programming languages and using them to produce a product.

Dedication for new movies and songs

Enjoy playing Ping Pong and Volleyball.

## **FDUCATION**

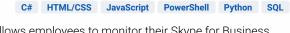
BSc in Computer Science @ University of Toronto

September 2016 - Current

## **EMPLOYMENT**

Avanade

#### Full Stack Developer Intern



- Developed a user interface which allows employees to monitor their Skype for Business Recording Rights
- Built a REST API that allows IT admins to create and maintain phone extension lines
- Refactored the Enterprise Voice Portal Database query which greatly imporved the overall applications performance
- Created a PowerShell script that uses Microsoft Graph API to query and store the users mailbox permission on SharePoint

#### University of Toronto

Mississauga, Ontario | Jun 2018 - Aug 2018

#### Research Lab Programmer

Python Bootstrap MS Suite

- Developed a Python script to display a detailed summary of work done by lab members
- · Aggregating large data and simplifying it using python scripts

#### West Humber Collegiate Institute

Toronto, Ontario | Sept 2015 - Mar 2016

#### Yearbook Volunteer

Adobe Suite

• Worked in a team to produce the 2015-2016 West Humber CI yearbook used by over 500 Students

## **PROJECTS**

#### Xpenses

Android API Java Sql

- Developed an Android application that tracks and sorts the monthly expenses according to various categories
- · Built an interactive and intuitive front-end interface for the app, backed by a SQL database
- Implemented multiple compact methods to enhance the run time of the program

#### Paint Program

Java Agile Design Pattern Regex JUnit Git

- Developed a working paint Java program that utilizes the Factory and Strategy design patterns
- Used Regex to save and load a file
- Collaborated with other students in a team setting using Agile and Scrum methodologies
- Implemented an UI which allows users to select shapes, colours and elements inside the canvas

#### Jug Puzzle

Java Agile JUnit Swing Git

- Developed a Java application that allows a user to solve the water pouring puzzle
- Implemented a UI using Swing that visually represents the quantity of water in each jug
- Thoroughly tested the app using the JUnit test framework

#### Compression Program

Python

- A compression program made using Python, that utilizes the Huffman algorithm
- Able to reduce size of text files by over 50%