ISSA EL-RIFAI

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EXPERIENCE

QA Automation Analyst, Intern
Aug 2020 - present

J.D. Power | Autodata Solutions – London, ON

- Assigned to the COE (Center of Excellence) team to help spread best practices across the company's services.
- Developed a detailed technical understanding of client needs and project requirements.
- Developed, executed, and integrated functional and non-functional level automated tests using Java and Cucumber to verify requirements such as system, unit, reliability, usability, and acceptance tests.
- Contributed to the investigation and triage of software defects for assigned projects.

Web Developer/Designer
May 2020 – Aug 2020

Western University – London, ON

- Involved with the Dept. of Earth Sciences at Western University to take the lead in developing a website from scratch for the 'GAC-MAC LONDON 2021' event.
- Designed and developed the front-end using a combination of both PHP and WordPress. While the back-end was developed using PHP along with MySQL as the database tool.
- Deployed the website onto one of Western University's servers using SSL certificates.

Software Projects

Virtual Speech Assistant
Nov 2019

Participated in Hack Western 6 and developed a virtual speech assistant.

- Using the various libraries offered by python, my team and I were able to successfully develop a virtual assistant that was able to perform a variety of tasks such as performing mathematical calculations, searching the web, and opening local desktop applications.
- **Utilized:** Python using the Eclipse platform.

SHMUP
Sept 2018 – Dec 2018

A multi-level shoot'em up style space shooter game.

- Worked with a team of 4 on building this game. The player has a variety of weapons to use during the game, including a bomb that would clear the screen from all enemies. The enemy objects come in different shapes and move in different patterns across the screen. When destroyed, enemies would drop power-ups that the player could pick up.
- **Utilized:** C# using Unity and Microsoft Visual Studio.

SKILLS

Programming Languages
- Java (Data Structures and Algorithms)
- C++
- C#
- Python
- Git
- JavaScript
- Node.js
- Express
- Angular
- Kotlin
- PHP
- Serenity REST Assured
- Cucumber
- HTML/CSS

Databases
- MySQL
- MongoDB

Platforms
- Microsoft Windows 7/8/10
- macOS
- AWS
- JavaFX Scene Builder
- IntelliJ
- Eclipse
- Gitlab
- Android Studio
- Jira
- Jama
- Unity Gaming Engine

EDUCATION

BESc Software Engineering
Western University,
Sept 2017 - April 2022

AWARDS

Dean's Honour List
Western University,
2019 - 2020