Matthew Connell

226-506-8551 | matt.connell02@gmail.com | linkedin.com/in/matt | github.com/matt-connell

EDUCATION

University of Windsor   Windsor, ON
BSc. Honours Computer Science With Software Engineering Specialization, Minor in Mathematics   *2020 - 2024*

EXPERIENCE

Quality Engineering Intern   Jan. 2023 - Apr. 2023
TD Bank   *Toronto, ON*

- Utilized the **Selenium**, and **BDD Cucumber framework** to write and run automation test scripts in **Java**
- Collaborated and built 15+ test cases for two applications within the portfolio
- Executed and debugged test scripts every week for **regression testing**

Information Technology Intern   May 2022 - Aug. 2022
Ground Effects Ltd.   *Windsor, ON*

- Used the **MS SQL Server** to create **stored procedures** and **SSRS** reports for clients
- Created **SQL command line scripts** to automate various **file I/O** tasks
- Responsible for testing of over 10 websites to ensure functionality and information correctly displayed

Teaching Assistant   Jan 2022 - Apr. 2024
University of Windsor   *Windsor, ON*

- Assisting students in **three core computer science courses**
- Responsible for evaluating student assessments, and holding weekly office hours

PROJECTS

Directed Graph Builder | *Java*   Feb. 2022

- Java based application that implements **Java Swing** to create an interactive GUI
- Allows a user to create a directed graph, and other various operations to build a graph
- Utilizes data structures within Java to allow a user to **save and load** graphs

Code Grader | *Java*   Feb. 2022

- **Java Client Server** application that grades a C program and generates a report to the client
- A **Linux Server** accepts a C program from a **Windows Client** to be ran against given test cases
- Utilizes data structures within Java to allow a user to **save and load** graphs

Personal Website | *JavaScript*   June. 2022

- **JavaScript**based web-application that features my personal projects and portfolio
- Implements the **BootStrap** framework to create a responsive web-application

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, HTML/CSS
Frameworks: Flask, BootStrap, Selenium, BDD