Alyssa Bhagwandin

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EDUCATION

Computer Programming and Analysis Advanced Diploma   September 2023 – Present

Durham College   Oshawa, Ontario

- Relevant courses: Mathematics for IT, Introduction to Databases, Introduction to Programming, Object-Oriented Programming, Web Development Fundamentals, Systems Development, Business for IT Professionals, Data Comm and Networking, Computer Systems.
- I achieved a GPA of 4.54 out of 5.0.

Architectural Technician Program   January 2022 - September 2023

George Brown College   Toronto, Ontario

- I completed one year of rigorous coursework in an Architectural Technician program.

SKILLS

- Experienced with Microsoft Word, Outlook, Excel, and PowerPoint.
- Proficiency in writing code with Python, Java, C#, COBOL, HTML, CSS, PHP, JavaScript as well as using IDE's such as Visual Studio Code, Eclipse, and PyCharm.
- Skilled in GitHub for code hosting, collaboration, and version control. Experienced using Git tools with a Linux and Unix environment.
- Proficient with Postman for API testing and Docker for containerization.
- Knowledge of data structures, algorithms, and object-oriented design to build efficient and scalable code.
- Understanding fundamental operating systems concepts.
- Developed proficiency in 2D and 3D designs using AutoCAD modeling by real life structures.
- Developed strong problem solving and analytical thinking skills from challenging engineering courses.
- Effective team collaboration including time management and organizational skills.

PERSONAL PROJECTS

- I made a GUI application with C# called "Multi Muse" that allows users to save their creative designs, written masterpieces, and vocal journeys to a local database. This database can be referenced to track improvements by storing status and personalized notes inputted by the users.
- I created a new veterinarian patient registration GUI that saves the information entered by the users directly to a local database using Java.
- I implemented a tic tac toe GUI using C#. Using principals of object-oriented programing, I kept track of each players score, name, who's turn it is, and the actively changing board state. There are serval accessibility features integrated into the application for ease of use for everyone.

WORK EXPEIRENCE

REdeUSE Sustainable Office Solutions Inc   September 2022 - January 2023

Warehouse associate   508-33 Harbour Square Toronto ON

- Performed repetitive assembly tasks using hand and power tools.
- Revitalized outdated products through cleaning, repairs, and upgrades to enhance resale value.
- Communicated daily project progress and addressed challenges to keep supervisor informed.
- Thrived in a high-pressure, fast-paced environment, consistently delivering quality results under tight deadlines.

VOLUNTEER EXPEIRENCE

Workshop for Young Women in STEM   April 2024

- Helped organize a conference and guided a group of 30 people to introduce young women to the field of STEM at Durham College.