Shayan Dhillon

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168 King St North, Waterloo, Ontario, N2J2Y3

SKILLS

Languages: C, Java, Python, VBA, SQL, HTML/CSS/SASS/ReactJS, JavaScript, R, Assembly (Arm v7)
Technologies: MySQL, Excel, Git, Eclipse, VSCode
Certifications: Java Foundations Junior Associate, AWS Cloud Technology Consultant

EDUCATION

Wilfrid Laurier University, Waterloo, Ontario   2022 - Present
Honours Bachelor of Science in Computer Science, Co-op Program (GPA: 12.0/12.0)

EXPERIENCE

Wilfrid Laurier University, Waterloo, Ontario   September 2023 - Present
Instructional Assistant
- Collaborated with other IAs to execute the labs for Data Structures I, Intro to Object-oriented Programming, and Windows App Programming, for an average attendance of 30-60 students per lab.
- Guided students of diverse backgrounds in developing problem-solving skills, aiding them in approaching and solving problems with different data structures.
- Analyzed over 70 students' code and graded their lab submissions accurately, adhering to the grading scheme and providing constructive feedback by demonstrating a detail-oriented approach and proficient debugging skills.

PROJECTS

Portfolio Website ⊙ | *JavaScript, ReactJS, HTML/CSS*   May 2024
- Developed a portfolio website to house contact information and project links.
- Built React components such as buttons and cards, showcasing my ability to create reusable and efficient UI elements that streamline development and enhance user experience.
- Utilized HTML/CSS to create a responsive and visually appealing web page, ensuring accessibility and a seamless user experience for different screen sizes.

Student Database Grade Application ⊙ | *VBA, SQL*   March 2023
- Developed an application using VBA and SQL, helping visualize student and course data using Excel graphs and generate reports to Word.
- Used SQL to query and extract relevant information from a relational database of 400+ data records, helping analyze and identify trends among data.
- Utilized user forms and modular programming to design a user-friendly UI, allowing users to display their desired data.

Tower Of Darkness ⊙ | *Java*   June 2021
- Collaborated in a team to develop a video game in Java.
- Demonstrated strong Object-Oriented Programming skills by designing modular and reusable code.
- Utilized robust class hierarchies, inheritance, encapsulation, and polymorphism to enhance code readability and maintainability.
- Implemented a scalable level generation system that allowed for the enlargement of the project scope within the given timeframe, enabling faster creation of game levels with efficiency and flexibility.

AWARDS

- **Presidents Gold Scholarship**, $4000 award for achieving above a 95% admission average, WLU, 2022.
- **Phil McNamee Scholarship**, for great academic achievement while overcoming obstacles, Montcalm S.S., 2022.
- **The Governor General's Academic Medal**, for graduating with the highest average at Montcalm S.S., 2022.