

Yasmeen Elbik

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[GitHub](#) • [LinkedIn](#) • [PersonalWebsite](#)

SUMMARY OF QUALIFICATIONS

- **Driven Computer Science Student:** With specialization in Software Engineering, with a passion for developing impactful solutions and a strong focus on continuous growth and collaboration.
- Experience in Java, C, and Python, with solid foundation of Object-Oriented Programming Principles.
- Strong knowledge of data structures and algorithms.
- Familiar with SQL and Linux.
- Gained knowledge in Cloud Computing (AWS) fundamentals through online courses and sources, as well as Software Development Life Cycle (SDLC) – Agile, Scrum & Iterative Frameworks.

TECHNICAL SKILLS

- **Programming Languages:** Java, C, Python, React.js, Node.js, HTML, CSS, JavaScript.
- **Version Control:** Git, GitHub.
- **Methodologies:** OOP, PowerShell.
- **Operating Systems:** Linux (Ubuntu), Windows.
- **Tools & Technologies:** Terminal, Visual Studio Code, IntelliJ IDEA, Eclipse, Microsoft, Microsoft Teams

EDUCATION

Bachelor of Computer Science (Honours) With Software Development Specialization - Co-op

Sep 2023 - Present

University of Windsor, Windsor, ON

Relevant Course Work:

- Object-Oriented Programming in Java, Data Structures and Algorithms, Systems Programming in C.

ACADEMIC PROJECTS

Student Record Management System | C Language

March 2024

Visual Studio Code, Windsor, ON

- Designed and implemented a linked list structure for efficient student record management, ensuring records are sorted by ID.
- Verified sorted order of records using assertions after each operation.
- Managed dynamic memory allocation and deallocation to prevent memory leaks.
- Developed functionalities for adding, removing, and finding student records while ensuring data integrity.

Password Strength Checker | Python

May 2024

IntelliJ IDEA, Windsor, ON

- Developed a Python-Based program that evaluates the strength of a password based on length character variety and complexity
- Implemented a scoring system to clarify passwords as weak, Moderate, or Strong, offering real-time feedback for improvement.
- Leveraged basic python libraries to validate password criteria, including uppercase/lowercase letters, numbers and special characters.
- Strengthened my understanding of cybersecurity principles related to password management and user security.

Responsive Personal Portfolio Website | HTML, CSS & JavaScript

January 2025

IntelliJ IDEA, Windsor, ON

- Designed and developed a fully responsive portfolio website to showcase personal projects, skills, and experience.
- Implemented custom HTML and CSS for a clean, modern layout that adjusts seamlessly across various screen sizes and devices.

- Utilized JavaScript for interactivity, including dynamic scrolling, animations, section transitions and active link highlighting.
- Deployed the website on Netlify for live access, ensuring fast loading times and reliable performance.

WORK EXPERIENCE

Data And Operations Assistant

Jul 2022 - Aug 2022

Family-Run Automotive Parts Shop, Ismailia, Egypt

- Optimized order processing and payment handling using, ensuring accurate and efficient transaction data entry.
- Provided real-time support and information on product and service inquiries.
- Digitized paperwork and managed data to maintain accessible digital records.
- Enhanced my problem-solving and customer service skills by addressing client needs and resolving inquiries in a fast-paced environment, fostering effective communication and adaptability.

LEADERSHIP AND ACHIEVEMENTS

Private Tutor – Maths

Sept 2022 – Dec 2022

- Delivered personalized tutoring sessions for Grade 10/11 students, both in-person and online through Microsoft Teams, breaking down complex math concepts into clear, digestible steps.
- Created and maintained detailed progress records for each student using Excel, tracking their development and aligning lessons with individual goals.
- Designed tailored lesson plans and targeted practice exercises to address specific areas of difficulty, helping students improve test scores and build confidence in their mathematical abilities.

Student Council

Sept 2022 – June 2023

Ajax High School, Ajax, Ontario

- Collaborated with a diverse team of peers to organize school-wide events, including fundraisers, talent shows, multi-cultural nights, and much more, fostering school spirit and engagement.
- Used Excel to manage budgets, track resources, and maintain accurate records of event attendance, including number of participating students and volunteers.
- Aided in organizing in-person meetings and brainstorming sessions to assign responsibilities, ensure deadlines were met, and address challenges during planning for major initiatives (charity drives, annual prom).
- Developed strong organizational and time management skills by balancing academic responsibilities with the demands of a leadership role.