

OMAR ELASFAR

Ottawa, Canada

omarelasfaregy17@gmail.com | [linkedin.com/in/omar-elasfar](https://www.linkedin.com/in/omar-elasfar) | [Portfolio](#) | [GitHub](#)

EDUCATION

Carleton University

Ottawa, Ontario

Bachelor of Science in Computer Science with a Minor in Statistics

Expected 2027

- Relevant Courses: Introduction to Computer Science I and II, Discrete Structures I, Calculus, Linear Algebra
- Achievements: 1st in Hack-the-Tunnels Hackathon

Harvard University

Remote

- Courses: CS50's: Introduction to Computer Science & Web Programming with Python and JavaScript

Oct 2023 - Present

John McCrae Secondary School

Nepean, Ontario

High School Diploma | 4.0 GPA Grade 12

Sep 2020 - June 2023

- Relevant Courses: Computer Science Grade 10, 11 and 12, Calculus and Vectors, Advanced Functions
- Achievements: 4x Honors Student, French Immersion Certificate, Ontario Scholar, 2x Soccer Intramurals Champion

PROJECTS

Portfolio Website | HTML, CSS, JavaScript, VS Code

Sep 2023 - Present

- Designed and implemented an interactive website showcasing a personal portfolio, utilizing HTML, CSS, and JavaScript to create an engaging and visually appealing user experience.

Carleton University Hackathon | HTML, SCSS, JavaScript, TypeScript, React, Prisma, Express, VS Code

Sep 2023

- Revamped a basic website through a series of challenges, achieving a 90% improvement in user experience and friendliness and transforming it into a functional and user-friendly platform.
- Led a team of programmers with varying skill levels to address issues and incorporate advanced technological skills and features into the original website; this effort led to a 73-point score and secured a 1st-place finish in the competition.

Store Manager's Tool | Java, GUIs, JOptionPanes, Object-Oriented Programming, FileIO, BlueJ

Dec 2022 - Jan 2022

- Developed a store management system by writing code in Java, crafting an intuitive user interface empowered by JOptionPanes and GUIs. Achieved 100% software stability and facilitated data input and output processes.
- Engineered an object-oriented program by harnessing concepts such as inheritance, sorting, searching, and encapsulation to develop a comprehensive store management software, resulting in an 80% decrease in runtime and an increase in safety.

Recreating Linked List Data Structure | Java, Data Structures, Object-Oriented Programming, BlueJ

Nov 2022

- Demonstrated mastery in object-oriented programming by recreated nodes, linked lists, and their respective methods in Java.
- Conducted extensive debugging of the codebase, verifying the correctness and stability of the nodes and linked list methods.

WORK EXPERIENCE

Shoppers Drug Mart Pharmacy; Store #0910 and #1021

Nepean, Ontario

Pharmacy Assistant

July 2020 - Present

Reference: Kaushik Dave, Pharmacist | kaushiksdave@yahoo.ca

- Achieved daily prescription processing of 200–500 prescriptions, ensuring precise and punctual dispensing. Validated by a prescription fill rate consistently exceeding 90% and an accuracy rate consistently surpassing 99%.
- Restructured medication inventory control eliciting a 20% reduction in instances of inventory disparity.
- Orchestrated clinics that administered immunizations to over 1,000 individuals or more, bolstering public health initiatives.
- Generated a 20% upsurge in prescriptions filled by autonomous pill counters through the reorganization and continuous refinement of 'fast-mover' medications at the filling station, elevating operational efficiency.
- Achieved proficiency in using an IBM framework and Java-run program, while fixing 100+ system bugs with the help of IT.

John McCrae SS Muslim Students Association

Nepean, Ontario

Co-President

June 2022 - June 2023

- Devised and executed events and fundraisers, successfully generating over \$1,000 in support of individuals in need.
- Organized and delivered more than 10 meetings and 30 presentations with students, staff, and district managers with the goal of easing the lives and decreasing the feeling of alienation of Muslims at John McCrae and across all OCDSB schools.

SKILLS

- **Technology:** Java, Python, C++, HTML/CSS, Sass, JavaScript, React, Git, GitHub, Powershell, VB.NET, Data Structures, SPSS, Excel, Word, Powerpoint, AutoCAD, Photoshop, Premiere Pro, After Effects, Wondershare Filmora
- **Skills:** Oral and Written Communication, Public Speaking, Teamwork, Leadership, Organization, Time Management
- **Awards:** French B1 Certificate, Top 25% in Waterloo's Pascal Math Competition, Chatham-Kent Sr. Boys Soccer Champion
- **Languages:** English (Native), Arabic (Native). French (Intermediate)