Mohamed Elsaban

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EDUCATION

Carleton University, Bachelor of Computer Science Co-op (Cybersecurity)	Ottawa, ON
2023-2024 President Scholarship	*Sep. 2023 – April 2028*

EXPERIENCE

EMCO Student Employee — Oct. 2024 – Present
Office of Risk management, Carleton University — *Ottawa, ON*

- Developed and improved safety training for CERT, supporting university-wide safety initiatives.
- Created a detailed report outlining the process for reporting Ontario-based employees working temporarily in another province with consideration to legal measures.
- Enhanced the university's cyber incident notification guidelines by conducting extensive research and applying propositional logic to interpret official reports and align them with Carleton's environment.
- Developed an interactive and user-friendly web form from scratch using HTML, CSS, JavaScript, and Flask.

Freelance Web Developer — April 2024 – July 2024
Second Wave Boutique — *Kincardine, ON*

- Created an engaging 3-page website using static HTML, showcasing the boutique's services with a customer-focused design.
- Collaborated with a partner to ensure seamless version control and efficient teamwork.
- Delivered a site that attracted over 150 new customers by integrating modern design principles and optimizing for usability.

EXTRACURRICULAR ACTIVITIES

Carleton Aerospace Astrophysics Radio Club (CA2RC) | *Command and Data Handling Team* — Jan. 2024 – Present

- Coordinated with a cross-functional team of engineers to design, program, and assemble a 1U high-altitude balloon satellite, using C++ with Arduino to track atmospheric, gravitational, and magnetic field measurements during a full solar eclipse, achieving CA2RC's first stratospheric balloon launch to 30 km altitude.
- Organized meeting notes and resources using Google Drive and Notion to enhance project management and workflows.

PROJECTS

Guelph General Hospital Fundraising | *Chief Financial Officer* — Feb. 2023 – June 2023

- Led a high school project aimed at raising part of a $20,000 goal for a local hospital.
- Organized fundraising events and coordinated team efforts to drive contributions.
- Managed challenges as the project ended early due to the departure of the supervising teacher.

Skills and Achievement

- Languages: English (Fluent), Arabic (Fluent), German (Conversational)
- Softwares Proficiency: MS-Office, Canva, Python, Java, C, HTML, CSS, JavaScript, Flask.
- Personal Skills: Problem Solving, Effective communication (written and verbal), Data management and research, Analytical thinking Cultural awareness and sensitivity
- Achievements: 5th Place, National Egyptian Olympic Qualifiers - 2020