

# Mohamed Elsaban

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## EDUCATION

### Carleton University

*Bachelor of Computer Science Co-op (Cybersecurity)*

- President's Scholarship

Ottawa, ON

Sep 2023 – Apr 2028

## EXPERIENCE

### Cybersecurity Risk Coordinator

Oct 2024 – Present

*Office of Risk Management, Carleton University*

Ottawa, ON

- Collaborated with cybersecurity leadership to interpret frameworks and streamline notification processes, fostering a stronger incident response strategy.
- Enhanced cybersecurity incident notification guidelines by conducting in-depth research and utilizing propositional logic to align official reports with Carleton University's unique environment.
- Proactively engaged with the Computer Security Division at the National Institute of Standards and Technology (NIST) to gather insights on frameworks, ensuring alignment with industry best practices and tailoring solutions to organizational needs.
- Conducted targeted investigations using publicly available resources and tools to gather specific information, supporting decision-making and enhancing notification methods.
- Trusted to handle high level sensitive information, demonstrating discretion and professionalism while supporting risk management initiatives.

### Freelance Web Developer

Apr 2024 – Jul 2024

*Second Wave Boutique*

Kincardine, ON

- Designed and developed a boutique-style fashion store website using HTML, CSS, and JavaScript, delivering a clean and visually appealing user experience tailored to the client's brand.
- Collaborated through pair programming with peers to ensure high-quality code and seamless implementation of design and functionality.
- Optimized the website for search engines (SEO) to improve visibility and attract approximately 150 new customers, enhancing the boutique's online presence.
- Maintained and updated the website post-launch, implementing client-requested changes to services and ensuring the site remained up-to-date and functional.

## EXTRACURRICULAR ACTIVITIES

### Carleton Aerospace Astrophysics Radio Club (CA2RC)

Jan 2024 – Present

*Command and Data Handling Team*

Ottawa, ON

- Collaborated with a cross-functional team of engineers to design, program, and assemble a 1U high-altitude balloon satellite, utilizing C++ with Arduino to collect atmospheric, gravitational, and magnetic field data during a solar eclipse.
- Executed CA2RC's first successful stratospheric balloon launch, reaching an altitude of 30 km and capturing critical scientific measurements.

## PROJECTS

### Carleton University Enviromental Health and Saftey Web Form

- Redesigned a 13-page manual form into a streamlined, user-friendly web form, significantly improving accessibility and usability for Environmental Health and Safety workflows.
- Developed an expandable and collapsible interface using HTML, CSS, and JavaScript, allowing users to navigate sections more efficiently and reducing form completion time.
- Integrated Flask for backend functionality, enabling seamless handling of dynamic form operations and user input.
- Focused on clean, responsive design to create an intuitive and visually appealing interface tailored to user needs.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, C/C++, HTML, CSS

**Technologies:** Node.js, Express.js, Flask

**Developer Tools:** Git, Docker, Linux, MySQL, VS Code, IntelliJ