HAZEM ALSAGHEER

CONTACT ME AT

📞 (647) 569-4809

✉ hazemalsagheer0012@gmail.com

◈ https://github.com/Hazem0012?tab=repositories

in https://www.linkedin.com/in/hazem-alsagheer

PROGRAMMING LANGUAGES

- Python
- Java
- SQL
- C
- JavaScript
- HTML/CSS

LIBRARIES

- Pandas.py
- Regex.py
- React.js
- Tailwind CSS

EDUCATION

📚 Toronto Metropolitan University Bachelor of Computer Engineering - 2025
- Specialization in Software Engineering
- CGPA: 4.02/4.33.

AWARDS

🏆 Dean's List | 2020 – 2021

🏆 Dean's List | 2021 – 2022

🏆 Dean's List | 2022 – 2023

SCHOOL PROJECTS

🔖 **Bookstore Application – JavaFX**
- Utilized Waterfall model to provide a thorough design and examine the purpose and functionality of the application.
- Applied state design pattern and other software techniques to enhance usability and accessibility.

PROFESSIONAL EXPERIENCE

IT Operations Co-op:
Hydro One Inc – Toronto, ON | May 2023 – Present

- Assisted with the maintenance of Protection and Control Management Information System (PCMIS).
- Assisted with internal auditing of critical cyber devices in PCMIS.
- Optimized solutions for existing bugs in monthly audits using **VBA** through **Microsoft Excel** which helped provide faster and accurate monthly auditing.
- Collaborated with an internal team to improve external user form using **VBA** and data validations in **Microsoft Excel**.
- Achieved a **66% improvement** in consistency and accuracy of submitted data through the implemented solution.
- Developed and implemented a new annual audit run within the team to identify discrepancies between SAP and PCMIS using **Python** and **Microsoft SQL**.
- Facilitated the resolution of discrepancies, saving Hydro One from incurring a **$1 million per day cost** due to issues identified by the North American Electric Reliability Corporation (NERC).
- Developed a solution to classify condensed long text entries into clear categories using **Regex** and **Pandas Python libraries**.
- Extracted several custom queries from PCMIS database for internal teams using **Microsoft SQL** allowing feasibility in their personal analysis.
- Led and mentored new co-op students, enhancing their understanding of the PCMIS system while improving my leadership, feedback, and support skills.
- Wrote new and updated existing PCMIS job aids and process documents allowing better readability and understanding for new PCMIS users.
- Managed and controlled internal and external users' access to PCMIS.

Software Front End Developer
Mara Technologies – Markham, ON | June 2022 - September 2022

- Developed a navigation website for a newly installed internal kiosk machine which enabled over **50 employees** to navigate and explore information about the company.
- Utilized the Agile development methodology to carefully plan, design, develop, and test the website while maintaining scalability and modifiability.
- Implemented core UI/UX principles to create an intuitive and visually appealing web application that allowed for user's ease of usage while integrating the companies theme and values.
- Designed the structural, and visual buildup of the website using **CSS** and **HTML**.
- Developed an algorithm to help build an interactive calendar, including all the important dates of the company using **JavaScript**.
- Collaborated with various team members to develop an online portal that would help workers with a language barrier to access the company's policies in their native languages.