

Redwan Khalifa

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PROJECTS

- 01/2025 – Present Event Planner Web Application [GitHub Project Link](#)
- Developed using HTML, CSS, JavaScript, SQL, and Java.
 - An event planner website that helps users create events, send and receive RSVPs, organize to-do lists, and track donations or revenue.
- 12/2023 Book Store Application [GitHub Project Link](#)
- The project involves developing a GUI-based Bookstore App for managing books, customers, and purchases with reward points
 - It uses the state design pattern, requires UML diagrams, and is built with JavaFX in NetBeans with file-based data storage.
- 11/2024 FCFS (First Come First Server) Algorithm Calculator [GitHub Project Link](#)
- The program implements the FCFS CPU scheduling algorithm, processing user-inputted data from a file containing process names arrival times, and burst times.
 - It calculates and displays turnaround time and waiting time for each process, along with their averages, in the console.

SKILLS

Programming Languages: C, C++, CSS, Java, SQL, Python, HTML, JavaScript, MATLAB, Bash.

Software & Tools: Windows, Linux, MacOS, Android, iOS, Git, GitHub, VS Code, NetBeans, IntelliJ, Arduino IDE, MySQL, PostgreSQL, VirtualBox, Docker.

Engineering & Embedded Systems: Arduino, Raspberry Pi, HCS12, AutoCAD, Quartus.

Concepts & Methodologies: Object-Oriented Programming, Data Structures & Algorithms, Software Development Life Cycle, Database Design & Management, Compilers & Interpreters.

EDUCATION

- Expected – 2026 Bachelor of Engineering (BEng) Computer Engineering
Toronto Metropolitan University (Formerly Ryerson University) - Toronto, ON
- Minor in Computer Science, Mathematics and Biology.
 - Certification in ASL (American Sign Language)

VOLUNTEER EXPERIENCE

- 01/2019 – 01/2019 Teaching Assistant (TA)
York University (Science Engagement Program) - Toronto, ON
- Assisted 2 educators in a classroom of 50 – 60 students in the 7th and 8th grade, along with 3 other teaching assistants.
 - Reinforced educational topics to students individually and to the entire class. Whilst providing ample support for questions about the task at hand or just out of curiosity.
 - Transported utility carts and other items in and out of classrooms and storage rooms all around campus.
 - Helped engage students from the 1st to 8th grade when first arriving to campus(1Hr), and when leaving campus (1Hr).

WORK EXPERIENCE

- 06/2023 – Present Crew Member
McDonald's - Toronto, ON
- Operated mainly as a kitchen team member. My main responsibilities include assembling food products, grilling, deep frying, maintaining product supply, and keeping the kitchen area clean.
 - Laboured one or more side tasks to work on throughout the shift. This included bun stock-up, kitchen stock-up, garbage run, lot run, baking products, and backwash.

05/2021 – 05/2023

Machine Operator

Tradition Fine Foods Ltd - Toronto, ON

- Operated industrial scale mixing bowls, tray washers, drum lifters & dispensers, and ingredient dumpers.
- Labour included lifting 50lb boxes and trays, cleaning large machinery, packing boxings and folding pastries while maintaining pace with a speedy conveyor belt.
- Maintained strict cleanliness regulations by keeping hands away from shoes, smartphones and other commonly touched surfaces, while wearing lab coats, gloves, and hair nets.

CERTIFICATIONS

11/2023 – 11/2023

LinkedIn – What Is Web3?, NASBA accredited CPE Credit

05/2022 – 05/2022

LinkedIn – Artificial Intelligence Foundations: Machine Learning, NASBA accredited CPE Credit

References Available Upon Request