Jessica Morcos

 Github </> My Portfolio in Linkedin ✉ jessica.morcos@torontomu.ca

Summary of Qualifications

Enthusiastic Software Developer: Currently pursuing a Bachelor of Science in Computer Science at Toronto Metropolitan University, with a focus on software engineering and web development. Proficient in Java, JavaScript, Python, C, and Swift. Eager to contribute to dynamic development projects and innovative solutions.

Skilled in Web Development: Developed and maintained a responsive portfolio website and a user-centric ATM interface. Skilled in employing HTML, CSS/SASS, and JavaScript to optimize functionality and elevate user engagement.

Committed Mentor and Team Collaborator: Proven track record as a Python tutor, where I've honed my ability to explain intricate topics clearly and effectively, fostering an inclusive and productive learning environment.

Technical Skills

Languages: C, Python, Java, JavaScript, HTML, CSS/SASS, PHP, Swift, Bash, SQL , Linux, Small talk, Lisp, Rust, Haskel, Elixir, Ruby
Frameworks: React, Node.js, Bootstrap
Tools & Platforms: Git/GitHub, MySQL, Oracle, Netlify

Education

Toronto Metropolitan University June 2026
Bachelor of Science Computer Science

Relevant Coursework: Artificial Intelligence, Data Structures & Algorithms, Web Development & Web Applications , Database Systems, Operating Systems

Personal Projects

 Portfolio Website | *HTML, CSS/SASS, Bootstrap, JavaScript, Netlify* May 2024
- Engineered and deployed dynamic portfolio website showcasing technical projects and software skills via SASS, Bootstrap, and JavaScript.
- Enhanced site interactivity, responsiveness, and visual aesthetics using advanced JavaScript techniques and libraries.
- Ensured high availability and efficient load times by deploying on Netlify, optimizing for reliability and accessibility.

 MetCash ATM System | *Java, Swing-GUI* April 2023
- Developed secure, user-friendly Java-based ATM GUI, enhancing user experience and transaction security.
- Focused on security and user convenience, integrating robust security measures to protect consumer transactions.

 Pomodoro Study App (In Progress) | *Swift, SwiftUI, Screen Time API* June 2024
- Developing Pomodoro-based study app to enhance focus/productivity.
- Integrating Screen Time API to block distracting apps.
- Designing SwiftUI interface for customizable study/break intervals.

Professional Certificates

Front-End Engineer Professional Certification| *Issued by Codecademy* Awarded: May 22, 2024
- Skills Covered: HTML, CSS, JavaScript, Git & GitHub, Web Design, React, Redux, Build Tools, Data Structures, Algorithms

Leadership and Activities

Python Tutor, Summer Camp June 2022
- Instructed and mentored students in grades 5-8 on Python programming, introducing them to basic concepts and logical thinking.
- Developed and implemented engaging lesson plans that included live coding sessions and real-world analogies to clarify complex topics like sorting algorithms.
- Designed and facilitated hands-on activities that reinforced learning, tailored to accommodate diverse learning styles and enhance student engagement and retention.