
Rami Mikha

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Core Qualifications

- Previous knowledge in some programming languages such as Python, JavaScript, and C++ having completed projects at various levels such as Blueprint game in Python and a small banking account system in C++.
- Knowledge in website development using HTML, CSS, and Javascript to create a simple-to-use weather website.
- Full proficiency with the Windows operating system with many years of experience in both casual and professional use.
- Collaboration and leadership skills through active participation in various campus organizations, fostering effective communication and adaptability in diverse settings.

Education

Bachelor of Science – Computer Science
Mount Royal University

2022 - Present
Calgary, AB

- Cumulative GPA 3.4/4.0.
- Anticipated graduation 2026.

Projects

Blueprint Game Scoring Python

- Designed and implemented a robust file reading system, enabling seamless data extraction from text files within specified folders.
- Created functions for parsing and structuring data, optimizing data retrieval and manipulation processes.
- Led the development of a point calculation subsystem for dice-based gameplay mechanics.
- Implemented an algorithm to determine the required points based on dice color and level within the stack.

Reverse Polish Notation Calculator Java

- Developed a program in Java to parse and evaluate RPN expressions from an input file.
- Implemented two versions of the stack data structure: one using a linked list and another using an array, providing insight into different data structure implementations.
- Supported four fundamental arithmetic operations: addition, multiplication, subtraction, and integer division.
- Designed and implemented error-handling mechanisms to gracefully handle invalid expressions and prevent program crashes.

Experience

New Student Orientation and Mentorship

Sept. 2023 - Present

Mount Royal University

Calgary, AB

- Collaborated within a large MRU orientation team as a student leader ensuring an effective orientation experience and playing a pivotal role in welcoming and guiding incoming students to campus.
- Contributing to a mentoring relationship with peers in one-to-one discussions, small group meetings, workshops, and social events.
- Continuously given the opportunity to practice active listening, sharing experiences, assisting with goal setting, and providing referrals to campus resources as necessary.
- Participating in ongoing reflections and personal development as part of a community of Peer Mentors.

Executive Shadow

Sept. 2023 - Present

Computing Alliance of Mount Royal University

Calgary, AB

- Participating actively in club meetings, contributing insights and ideas on event planning, and member engagement.
- Gaining valuable leadership skills and insights into effective teamwork and problem-solving while shadowing experienced club executives.

Casual Crew

Nov. 2022 - Present

Student Association of Mount Royal University

Calgary, AB

- Developing event production skills by supporting SAMRU's events and operation team in executing a variety of events.
- Efficiently managing event setup and teardown processes.
- Ensuring the smooth operation of on-campus parties and fundraisers by maintaining on-site event cleanup and providing general security support.

Crew Member

May 2021 - Nov. 2022

McDonald's Canada

Calgary, AB

- Organized inventory and performed maintenance duties (e.g., mopping floors, and washing dishes).
- Managed large-volume cooking equipment for a high daily customer volume.
- Prepared items based on written or verbal orders, multitasking on multiple orders simultaneously.