

Ali Asadpoor

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EDUCATION

Toronto Metropolitan University (Formerly Ryerson)

Toronto, Ontario

BS in Computer Science, Minor in Economics

January 2023 – June 2027 (Expected)

- **GPA:** 3.89
- **Dean's List:** Fall 2023 – Spring 2024
- **Coursework:** Operating System I (C, Unix), Data Structures (Java, Lisp), Introduction to C and Unix, Discrete Structures (Java), Computer Organization I & II (Assembly, C), Programming Paradigms (SmallTalk, Elixir, Haskell, Rust), Probability and Statistics I, Introductory Macroeconomics

WORK EXPERIENCE

Costco Wholesale Canada

Markham, ON

Part-time Merchandising Assistant

April 2022 - Present

- Worked Collaboratively in a fast-paced retail environment, strengthening teamwork and communication skills essential for project-based work
- Utilized terminal-based inventory management software to track stock levels and generate reports and detect discrepancies, demonstrating technical proficiency and adaptability
- Assisted customers with inquiries and provided excellent service, honing the ability to explain complex information clearly and concisely

Best Buy Canada

Richmond Hill, ON

Geek Squad Repair Agent

September 2021 – March 2022

- Diagnosed and resolved a broad range of software issues for various operating systems (Windows, macOS, Linux)
- Identified a recurring issue with software installations and developed a streamlined troubleshooting guide, reducing average resolution time by 25%
- Configured, optimized, and repaired multiple operating system to enhance system performance and security, showcasing a strong understanding of OS architecture and troubleshooting techniques
- Managed multiple service request simultaneously, demonstrating effective time management and prioritization skills
- Maintained detailed records of technical issues and resolutions, improving knowledge sharing and team efficiency

PROJECTS & EXTRACURRICULAR

Multilingual Personal Assistant (Python, Flask, Bash, JavaScript)

[GitHub](#) | June 2024

- Developed a web-based application utilizing Flask and the Cohere API to provide real-time code suggestion and personal assistant with different tasks.
- Implemented a user-friendly chat interface with HTML, CSS, JavaScript, enabling seamless interaction.
- Collaborated on backend integration to leverage language models for generating code snippets and responding to user queries.
- Enhanced user experience through multilingual support and robust frontend design.

Financial Valuation/Metrics Tool (Python, Pandas, NumPy, PyMuPDF)

[GitHub](#) | April 2024 - Present

- Developed a Python-based financial analysis tool to parse company earnings data and compute intrinsic and expected valuations using financial models like DCF and comparable company analysis
- Engineered the program to output key financial metrics such as P/E ratios, EBITDA, and debt-to-equity ratios in a user-friendly terminal interface
- Implemented robust data ingestion, data validation, and error handling, enhancing the tool's reliability and accuracy

Membership Management Interface (Python, Tkinter, SQLite)

[GitHub](#) | March 2024

- Developed a membership management application using Python, providing both terminal and graphical user interfaces for managing member data
- Implemented SQLite for efficient data storage and retrieval, ensuring data integrity and quick access to member information
- Integrated user authentication and role-based authorization, ensuring secure access to member information
- Utilized Tkinter to create a user-friendly and visually appealing GUI, enhancing user experience and ease of use
- Added robust data validation and error handling mechanism to ensure data integrity and improve application reliability

SKILLS

Programming Languages: Python (Proficient), C (Intermediate), SQL (Intermediate), Java (Beginner), JavaScript

Frameworks and Libraries: Flask, Pygame, Tkinter, Pandas, NumPy, SQLite, SQLAlchemy

Tools and Technologies: Linux (Arch, Ubuntu), Windows, Microsoft Suite, Git, Docker, MATLAB, LaTeX