

Andres Munoz

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Summary

Eager and resourceful aspiring developer, with good programming knowledge in Java and C. Seeking a summer position as a software developer intern to kickstart my professional career and improve my programming abilities

Education

McGill University
Bachelor's, Computer Science

August 2022 - May 2025
GPA: 3.86

Projects & Outside Experience

Chess-game GUI in JavaFX

- Made a fully functional GUI for a chess game using JavaFX
- Implemented all menu logic, including scene transitions and user input handling
- Helped with integration of LAN multiplayer and chess engine interaction with the GUI

Personal website

- Coded my own website using HTML, CSS, and JavaScript, you can find it here:
<https://www.cs.mcgill.ca/~amunoz8/index.html>

Simple file system in C

- Made a simple Unix like, single layer file system as a course assignment, for which I got full marks
- Supports virtual disks of variable sizes
- Support for file creation, deletion and modification inside of the virtual disk

Simple bash like shell in C

- Supports command piping, built in commands, and external command
- This was a course assignment, which required only single piping to be supported, but I implemented multiple pipe support. I obtained full marks in this assignment

Self balancing cart pole using Reinforcement learning in Python

- Used basic Q learning to make a self balancing cart pole for a course assignment, in which I obtained full marks
- System learned to self balance and to avoid the edges of the screen through it's learning policy

Skills & Interests

Skills: Java, C/C++, Python, Excel/Numbers/Sheets, Git, HTML/CSS

Languages: English, French, Spanish

Interests: Videogames, technology