

Andres Munoz

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Summary

Eager and resourceful aspiring developer, with great problem-solving skills and experience in Java, C and python, having done several programming projects. Seeking a summer position as a software developer intern to kickstart my professional career and improve my programming abilities, while offering fresh perspective on potential challenges and providing innovative solutions

Education

McGill University

Bachelor's, Computer Science

August 2022 – Except to graduate May 2025

GPA: 3.86 /4.0

Champlain College Saint-Lambert

DEC, Computer Science and Mathematics

August 2020 - May 2022

Skills

Skills: Java, C/C++, Python, Git, HTML/CSS, Linux/Unix, basic Unity, Excel/Numbers/Sheets

Languages: Fluent in English, French and Spanish

Projects

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

- Taught myself how to code 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
- 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 commands
- Implemented support for background processes
- Learned the basics of multiprocessing from this project

Self balancing cart pole using Reinforcement learning in Python

- Used basic Q learning to make a self balancing cart pole

Personal home server

- Set up a home server to host files from my storage drives onto my local network, using TrueNAS

Interests

Passionate about technology, science, and videogames. Love being challenged and learning new abilities