

JORDAN CLAYTON

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TECHNICAL SKILLS

Languages: Dart, C, Rust, Java, Python, Bash, SQL

Developer Tools: Vim, VS Code, Android Studio

Technologies/Frameworks: Linux, Flutter, Supabase, GitHub, Pandas, WordPress, LaTeX

EDUCATION

Honors Bachelor of Science (BSc): Computer Science

Sep. 2022 – Exp. 2027

Toronto Metropolitan University (Formerly Ryerson)

Toronto, ON

- CGPA 4.17/4.33
- Alumni Award: Best combined performance in CPS 213 and CPS310 (2024)
- Dean's List (2022-2023)

RELEVANT COURSEWORK

- Object-Oriented Programming
- UNIX & C Programming
- Comparative Programming Languages
- Data Structures & Algorithms
- Computer Architecture & Organization

PROJECTS

Allocate: task manager for Neurodivergent individuals | Dart, Flutter, Supabase, Isar NoSQL

May 2023 – Pres.

- Designed a weighted duration estimation system based on task strain to aid with day planning and realistic time management.
- Used spoon theory to design an energy budgeting system with safeguards which prevent workaholism and burnout, resulting in less energy required for self-management.
- Implemented offline-first, online-optional storage to guarantee seamless use regardless of internet connection status.
- Developed a flexible calendar API to allow users to schedule repeating tasks, deadlines, and reminders.
- Included traditional task-management features such as collections and device notifications, ensuring parity across all supported platforms: Android, iOS, Linux, MacOS, Windows.

MyAudioUI App | CPS209: Computer Science II | Java

Mar 2023 – Apr 2023

- Developed a command-line interface iTunes clone using Java, showcasing file reading, data structures, and inheritance.
- Implemented string-based representations of audio content, mock downloading, and playlist management.
- Demonstrated the ability to work with files, use Inheritance and various data structures including ArrayLists/Vectors and HashMaps.
- Used object-oriented programming practices such as inheritance to accurately model data.

WORK EXPERIENCE

IFS Ontario

Jul 2023 – Pres.

WordPress Development

Remote

- Successfully repaired a WordPress directory platform, allowing IFS practitioners to list and re-list profiles for attracting new clients.
- Redesigned and reimplemented backend structure to decouple and abstract internal business logic from the end-client, resulting in a clean, intuitive UX.
- Implemented login, routing logic, and an internal practitioner dashboard to define clear separations of concern—resulting in a coherent interface for user account and listing management.

Flowertopia

May 2022 – Jul 2022

Budtender

Toronto, ON

- Communicated with 25+ customers weekly, in a warm and efficient manner, to create a welcoming environment while addressing customer inquiries.
- Completed opening and closing tasks within a tight time frame, resulting in minimal interruptions to store operations.

EXTRACURRICULAR

Winter DataWorks Program

Jan 2023 – Mar 2023

DataQuest Data Analyst for Python

Metropolitan Data Science Association

- Completed a 9-week Data Science program covering relational databases, SQL, advanced querying, and web scraping using Python.