Allan He-Chen

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Education

Toronto Metropolitan University   Toronto, Canada
BSc in Computer Science   Sep 2021 - Apr 2026

- **GPA:** 4.24/4.33
- **Relevant Courses:** Data Structures and Algorithms, Web Systems Development, Computer Organization II
- First-year Computer Science Award

Skills

Languages   Python, Java, C, HTML, CSS, JavaScript, SQL
Tools   Git, Node.js, Express, EJS, BASH

Projects

Concentrate   Dec 2022
Productivity Platform

- Designed a relational database to store study habits, subjects, and commitment of different users
- Utilized SQL queries to manipulate and display database entries hosted with MySQL
- Created a RESTful API routed with Express by exposing different endpoints to interface with the database mentioned previously

Supplant 🔗   Oct 2022
Text substitution web app

- Coordinated ideas and opinions from multiple team members, resulting in a working prototype in under 40 hours
- Delegated tasks to team members based upon experience and wants, resulting in a good working atmosphere
- Hosted the project using Django, providing a means for communication between the user interface and the back-end

Primal Gaea 🔗   May 2022
Main landing page for a game by BBMonstah

- Redesigned the Primal Gaea landing page from scratch using HTML, CSS, and JavaScript based upon client's needs
- Performed testing on a large combination of devices to ensure that all features work seamlessly across platforms
- Consulted with the client on a weekly basis through a video call to ensure that features were created as desired

good idea 1 🔗   Mar 2022
Discord Bot

- Implemented the Discord API wrapper discord.py allowing for audio playback, games, and interaction
- Created a web scraper using Requests, bs4, and RegEx to filter data on web pages based upon user input
- Designed a high score leaderboard with MongoDB for more than 90 users

Other Work Experience

Journeys   Toronto, Canada
Sales Associate   Jul 2022 - Present

- Pitched a variety of products based upon customer's preferences and use cases, resulting in frequently exceeding sales targets by 100%
- Optimized stock room operations by minimizing repetitive work during stock shipments, leading to a reduction of 50% of time utilized during stock days