

# Allan He-Chen

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## Education

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### Toronto Metropolitan University

BSc in Computer Science

Toronto, Canada

Sept 2021 - Present

- **GPA:** 4.26/4.33
- **Relevant Courses:** Data Structures and Algorithms, Web Systems Development, Computer Organization II
- First year Computer Science Award

## Skills

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**Languages** Python, Java, C, HTML, CSS, JavaScript, SQL

**Tools** Git, Node.js, Express, EJS, MongoDB, BASH

## Professional Work Experience

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### Primal Gaea

May - Jun 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 client on a weekly basis to ensure that all needs are being met

## Projects

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### Concentrate

Dec 2022

Productivity Platform

- Designed a relational database to store study habits, different subjects, and commitment of different users
- Utilized SQL queries to fetch, store, and manipulate database entries hosted with MySQL
- Implemented EJS templates to dynamically generate web pages with user content
- Created a RESTful API routed with Express

### 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
- Developed the back-end of the project using Django, allowing for dynamically generated web pages based upon user submitted data

### 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 various Python libraries to filter data on web pages based upon user input
- Architected a high score leaderboard with MongoDB for more than 90 users

## Other Work Experience

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### Journeys

Sales Associate

Toronto, Canada

Jul 2022 - Present

- Recommended products based on individual customer's wants and needs