

# Brandon Mai

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## EDUCATION

### Toronto Metropolitan University (Formerly Ryerson University)

Toronto, ON

*Bachelor of Science in Computer Science*

*Expected April 2026*

- Awards: Entrance Scholarship (95%+)
- Relevant Courses: Data Structures, Object Oriented Programming, Discrete Math, Computer Architecture, Introduction to Software Engineering, Operating Systems, Web Systems Development

## PROJECTS

### Mai Fitness | [mai-fitness.netlify.app](#) *RapidAPI, React, Javascript, HTML, CSS*

Jan. 2024

- Created a Fitness Exercise gallery utilizing RapidAPI
- Used hooks for website logic including getting API calls from RapidAPI and filtering it based on search function.
- Implemented full search functionality using YouTube search API to show "Similar Exercises", recommending videos in real time.
- Created various animations using React hooks such as infinity loading bar and buttons.

### Portfolio Website | [brandonmai.netlify.app](#)

Dec. 2023

- Created minimalist styled website to display current and future projects.
- Utilized media queries to ensure high quality responsiveness on all screen types.
- Utilized Javascript to create a seamless scrolling experience along with animations on buttons and hamburger menu.

### Song Management App | *Java, Object-Oriented Programming*

Apr. 2023

- Created a text-based audio app for managing songs, audiobooks, and podcasts within a library.
- Implemented core features such as content download, playlist creation, and playback.
- Extended the initial app with sophisticated search functionalities by title, artist, and genre.
- Enhanced download options to support range-based downloads and retrieval by artist or genre.

## EXTRACURRICULARS

### Varsity Athlete

Oct. 2022 – Present

*TMU Varsity Badminton Team*

*Toronto, ON*

- Worked and collaborated with teammates to ensure high quality training in preparation for main tournament.
- Trained 3-4 times a week for over 20+ hours as a veteran on the team, fostering a positive environment and leading by example.
- Self-reflected after practises and consistently worked with coaches to improve skills and strategy based on constructive feedback.

### Vice President

Sep. 2023 – Present

*Recreational Badminton Club*

*Toronto, ON*

- Planned fun and innovative events for members, and connected with Canada's Senior Badminton Team to host a clinic.
- Managed over 200+ contacts within the club and 300+ members on Discord to provide seamless communication and updates on events and sessions.

### Director of Marketing

Sep. 2023 – Present

*Chinese Student Association*

*Toronto, ON*

- Collaborated directly with President to deliver internal Discord server for all communications for the club.
- Successfully marketed events attracting over 200+ members and generated over \$5000 in profit.
- Boosted engagement through content interactions by over 300% since managing @tmucs Instagram account.
- Created viral videos with over 30,000+ views on all platforms to establish an online presence as a club.

## TECHNICAL SKILLS

**Languages:** Java, HTML/CSS, Python, C, Bash, JavaScript

**Frameworks:** React, Node.js, Bootstrap

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** Collections, NumPy, Matplotlib, Mui UI