

Brandon Mai

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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

PROJECTS

Mai Fitness | *mai-fitness.netlify.app* *RapidAPI, React, JavaScript, HTML, CSS*

Jan. 2024

- Created a Fitness Exercise gallery utilizing React and JavaScript
- 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

- Styled portfolio to showcase projects, skills, and aspirations.
- 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 a hamburger menu.

Songify | *Java, Object-Oriented Programming*

Apr. 2023

- Created a text-based audio management 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 search functionalities by title, artist, and genre.
- Enhanced download options to support large quantity downloads and retrieval by artist or genre.

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, Operating Systems, Object Oriented Programming, Web Systems Development, Computer Architecture, Introduction to Software Engineering, Discrete Math.

EXTRACURRICULARS

Varsity Athlete

Oct. 2022 – Present

TMU Varsity Badminton Team

Toronto, ON

- Worked with teammates to ensure high quality training in preparation for tournaments (Ontario University Athletics).
- Fostered a positive environment and lead by example as a veteran on the team, and actively participated in team debriefs.
- Self-reflected after practises and consistently worked with coaches to improve skills and strategy based on constructive feedback.

Vice President

Sep. 2023 – Present

TMU Recreational Badminton Club

Toronto, ON

- Planned fun and exclusive events for members, and connected with Canada's National Badminton Team to host a training clinic.
- Managed over 200+ members within the club and 300+ members on social media to provide seamless communication and updates on events and sessions.

Director of Marketing

Sep. 2023 – Present

Chinese Student Association

Toronto, ON

- 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 multiple platforms to establish an online presence as a club.