

Education

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| University of Waterloo , Waterloo, ON - Bachelor's Degree | September 2017-April 2022 |
| • Bachelor of Arts - Honours Recreation and Leisure Students, Major Sports Business | |
| University of Toronto , Toronto, ON - Full-Stack Coding Bootcamp Certificate | May 2022 - August 2022 |
| • Certificate of Completion, Continuing Studies Full-Stack Coding Bootcamp | |
| Seneca Polytechnic , Toronto, ON - Bachelor's Degree | January 2023 - Present |
| • Honours Bachelors of Technology - Software Development (BSD) | |

Projects

NBA Web-Scraper

- Developed a specialized web scraper in Python that collects and parses raw player and team data from the official NBA website using **urllib** and **Selenium** modules.
- Implemented functions for data extraction and cleaning, utilizing **regex** and string manipulation techniques to format the scraped data accurately.
- Utilized the **Cleaner** module to sanitize and format the extracted data before loading it into MongoDB.
- Developed specialized loading functions using **pymongo** to efficiently load player and team data into the **MongoDB database**.
- Packaged using **DOCKER** and deployed on **Amazon Web Services**.

User-API Application

- Developed a robust "User" API using **Node.js** and **Express** to handle user registration, authentication, and data persistence for favorites and history lists.
- Integrated **MongoDB Atlas** for data storage and retrieval, ensuring seamless functionality for registered users.
- Incorporated **JSON Web Tokens (JWT)** for secure authentication and authorization processes, enhancing the app's security and user privacy.
- Implemented route protection mechanisms using **Passport.js** middleware to restrict unauthorized access to sensitive endpoints. Secured routes for managing favorites and history lists to maintain data integrity and user confidentiality.
- Implemented UI enhancements in the **Next.js** app to facilitate user interactions with secured web APIs.

Experience

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| Toronto Sport and Social Club , Toronto, ON— Staff Operations Associate | September 2019-January 2020 |
| • Assisted with operation tasks such as scheduling, venue management, and equipment management, ensuring high customer satisfaction. | |
| • Managed part-time staff and contributed to day-to-day league operations, displaying strong communication skills with staff and customers. | |
| • Prepared detailed shift information for league convenors, referees, and coaches, facilitating smooth operations during shifts. | |
| • Addressed on-site issues and incidents involving staff promptly and effectively, ensuring a seamless customer experience. | |
| Seneca College , Toronto, ON - ITS Technologist | April 2025 - August 2025 |
| • Provided frontline technical support to students, staff, and faculty through multiple channels including email, live chat, phone, and service tickets, ensuring prompt resolution of IT issues and high user satisfaction. | |
| • Collaborated with technical support staff to escalate complex issues, demonstrating problem-solving skills and the ability to prioritize tasks under pressure in a high-volume service environment. | |
| • Delivered exceptional customer service by addressing technical inquiries with a professional, helpful attitude, maintaining a focus on clear communication and user education. | |
| • Learned and applied operational knowledge of commonly used software (including O365 and Microsoft Office), hardware, and eClassroom technologies, contributing to the overall effectiveness of the Student Service Desk. | |

Technical Skills

Front-end: HTML5/CSS, Javascript, Bootstrap, Tailwind, JQuery, JSON, AJAX, ReactJS, NextJS, Selenium

Back-end: Node.js, SQL, MongoDB, Express.js, Sequelize, MERN, C, C++, Python, Stripe