

# Osanyem Osadebe

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## EDUCATION

Toronto Metropolitan University (formerly Ryerson University)

Sep 2020 – Apr 2025

**Bachelor of Science in Computer Science (Honors)**

CGPA: 3.90/4.33

**Awards:** Dean's List Faculty of Science (2020 – Present)

Computer Science Course Union 4th-Year Representative

## TECHNICAL SKILLS

**Programming Languages:** Java, Elixir, JavaScript, Python, SQL

**Technologies:** Spring Framework, ReactJS, Git, Protobuf/gRPC, JIRA, UNIX, Docker, AWS

**Concepts:** Object Oriented Programming, Algorithms, DBMS, Web Systems Development, Functional Programming

## EXPERIENCE

**Software Developer Co-op**

May 2024 – Aug 2024

TheScore

- Developed new features as part of the Sportsbook Engagement team using Elixir and the Phoenix framework that helped increase 30-day user retention rate by 7%.
- Set up monitoring, alerting, and logging pipelines using Datadog to improve the observability of newly developed features.
- Implemented new fields in GraphQL queries to allow for analytics and user activity tracking.
- Worked to develop and optimize a service that syncs data between Kafka clusters and a relational database.

**Software Test Engineer Co-op**

Jan 2023 – Aug 2023

TheScore

- Reduced post-release bugs by 15% through participation in code reviews and feedback on design and testing approaches.
- Developed and executed over 2,000 test cases for sportsbook, media, and back-end applications on mobile and web using JIRA and TestRail for tracking.
- Improved automation testing efficiency by 13% by implementing new test scenarios and regression testing techniques.
- Participated in testing efforts for the launch of Barstool Sportsbook (now ESPN Bet) in 16 U.S. States, which claimed the top spot as the most popular app in the App Store in the United States.

**Software Engineer in Test Co-op**

May 2022 – Dec 2022

TheScore

- Improved test automation coverage by 15% across web and mobile applications, resulting in a 20% decrease in post-release defects.
- Designed and developed automation test scripts for over 19 new features across web and mobile applications.
- Integrated the automation test scripts with Jenkins for continuous integration and regression testing involving web and mobile applications.
- Successfully refactored automation test scripts, eliminating redundant test cases, leading to a 7% decrease in test runtime and computing resource requirements.

**Software Developer Intern**

Sep 2019 – Aug 2020

Moat Web Solutions

- Validated internal and third-party code to verify compliance with technical requirements for over 25 web development projects.
- Built and styled over 10 new mobile-friendly websites, transitioning legacy presentations into easy-to-use versions.
- Wrote reusable unit tests to ensure quality control, resulting in a 10% reduction in user bug tickets.
- Ensured technical compliance by validating internal and third-party code for over 100 websites, resulting in a 15% improvement in page load times.

## PROJECTS

**Car Database Backend** - Java, Spring, SQL, MariaDB

- Developed a robust car database backend using **Java and the Spring framework** to create a **REST API** to manage and display cars and their owners. The system utilized **MariaDB** for secure and efficient data storage and retrieval. The project included the implementation of RESTful endpoints, advanced querying capabilities, and comprehensive error handling to ensure reliable API performance. Additionally, I focused on optimizing database interactions and maintaining data consistency, significantly enhancing my understanding of back-end development, REST API design, and the seamless integration of database systems with application logic.
- Enhanced the car database backend by integrating **Spring Security** to provide robust authentication and authorization mechanisms, ensuring only authorized users could access or modify car and owner data. Leveraged Spring Data JPA for seamless interaction with the MariaDB database, simplifying complex queries and providing efficient data handling.