

OJ ADEYEMI

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EDUCATION

Lassonde School of Engineering, York University
Bachelor of Science (Honours) in Computer Science

Expected Graduation: Dec 2026

GPA: 3.6

PROFESSIONAL EXPERIENCE

Maple Leaf Sports and Entertainment (MLSE)

May 2024 – June 2025

Software & Data Engineer Intern

Toronto, ON

- Collaborated with a team of data scientists and engineers in building a [multimodal AI agent](#) utilizing [AWS](#), [Twelve Labs](#) and [Langgraph](#), enabling users to search through hundreds of hours of footage in seconds and automate editing workflows
- Designed and deployed **AI-powered internal tools** that streamlined workflows and reduced task completion time
- Supported **DevOps** and software engineering teams in containerizing applications, setting up **OAuth** and deploying them on the company's **AWS EKS** infrastructure, supporting **10+ production services with high availability**
- Team responsible for winning the [2025 NBA Team Innovation Award](#) and the [2025 CIO Awards Canada](#)

ENTREPRENEURIAL EXPERIENCE

Founder, [Northscore](#)

Jan 2026 - Present

- Drive 100% of technical strategy and execution, architecting **containerized microservices** with **CI/CD pipelines** to scale a platform covering 50+ leagues across high school, college, semi-pro, and professional sports
- Deliver a high-performance progressive web app with native-like, installable experiences across all devices with live stats, recommended content, push notifications, achieving **99.99% uptime** and optimized for **sub-second API latency**
- Build the [Northscore Stats API](#) and data infrastructure with **automated multi-source data pipelines**, delivering **near-real-time stats** for 50+ leagues and 1,000+ teams across Canadian sports
- Maintain production **observability** with Pydantic Logfire, and Vercel for **end-to-end logging, tracing, and metrics**
- Develop the [Northscore MCP server](#) to power interactive AI tools and a ChatGPT app delivering Canadian league data.

PROJECTS

[Canada Basketball AI Scouting System](#) | *FastAPI, React, LangGraph, SQLite, PostgreSQL, Docker, Google Cloud, Gemini, Cohere*

- Built a scouting system, integrating multi-league data (U SPORTS, CCAA, HoopQueens, CEBL) into a searchable stats page and a **conversational AI agent** that generates detailed, evidence-based player scouting reports.

Canadian sports data SDKs | *Python, Pandas, BeautifulSoup, Pytest, Pylint, requests, httpx, GitHub Actions*

- Developed and **open-sourced Python SDKs** for [CEL](#) and [CEBL](#) APIs, standardizing sports data for use across data pipelines, applications, and analytics workflows

[mplbasketball](#) | *Python, Matplotlib, Pytest, Pylint*

- **Open-source contributor and maintainer** of a Python library for visualizing 2D and 3D spatio-temporal basketball data from major competitions, including the NBA, WNBA, NCAA, and FIBA, resolving issues and reviewing pull requests

BookBuddy | *Java, Spring Boot, Maven, React, Vite, TypeScript, Tailwind CSS, SQLite, PostgreSQL, [Open Library API](#)*

- Built a personal reading tracker app to organize books, track progress, and achieve reading goals

EXTRA-CURRICULAR

Vice President - York Sports Analytics Club

Toronto, ON

York University

Aug 2025 – Present

- Leading all technical projects, external partnerships with sports organizations and managing the club's digital infrastructure
- Led the development of the [Ontario University Sports Analytics Coalition](#) website and co-organized the 2026 conference

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, TypeScript, HTML5, CSS (Tailwind), SQL, Bash

Developer Tools: Git, GitHub, Docker, Kubernetes, Redis, Supabase, AWS, Google Cloud, OpenTelemetry, Claude Code

Frameworks/Libraries: FastAPI, SQLAlchemy, Spring Boot, Express.js, Playwright, Node.js, React.js, Next.js, LangGraph