

# 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: 3.7

## 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 [conversational video 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 **Kubernetes** infrastructure, supporting **10+ production services with high availability**
- Team responsible for winning the [2025 NBA Team Innovation Award](#) and the [2025 CIO Canada Award](#)

## ENTREPRENEURIAL EXPERIENCE

### Founder, [Northscore](#)

Aug 2025 - Present

- Drove **100% of technical strategy and execution**, building **containerized microservices**, **scalable data pipelines**, and custom Python SDKs for Northscore, a Canadian sports app covering **40+ leagues**
- Delivered a performant [Progressive Web App](#) capable of handling **tens of thousands of daily users**, achieving **99.9% uptime** and **p95 API latency <500ms**, with **live stats**, **recommended content**, and **community features**
- Secured a pre-launch partnership with the [HoopQueens basketball league](#), building their official data infrastructure and designing a pipeline to transform raw box scores from **4 teams and 50+ players** into structured team and player stats
- Developing [Northscore MCP server](#), enabling AI agents to query Canadian league data via interactive apps

## PROJECTS

**Canada Basketball AI Scouting System** | *FastAPI, React, LangGraph, SQLite, PostgreSQL, Docker, Google Cloud, OpenAI, 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 [U SPORTS](#), [CFL](#), [CPL](#) and [CEBL](#) to retrieve and structure sports data, integrating it into data pipelines, applications (e.g. Northscore), and data visualizations

[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 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 Actions, Docker, Kubernetes, Redis, Supabase, AWS, GCP, OpenTelemetry, Claude Code, Figma

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