OJ ADEYEMI

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EDUCATION

Lassonde School of Engineering, York University   **Expected Graduation: Dec 2026**
Bachelor of Science (Honours) in Computer Science   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 high-performance **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
- Maintaining production **observability** with Pydantic Logfire, and Vercel for **end-to-end logging, tracing, and metrics**.
- 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