

Oluwadamilola Ayoade

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EDUCATION

Carleton University

Ottawa, ON

B.S Computer Science, Minor in Economics

Graduation Date: Dec 2025

CERTIFICATIONS

- Google Cloud Cybersecurity by Google Cloud on Coursera – Earned July 8, 2024
- AWS Cloud Solutions Architect by Amazon Web Services on Coursera – Earned September 27, 2024
- CompTIA Security+ (In Progress)

WORK EXPERIENCE

Radical AI

remote

AI Engineer Intern

May 2024 - Feb 2025

- Identified appropriate datasets and employed efficient data representation techniques to support over 10,000 data points per hour.
- Facilitated integration of advanced ML models including CNNs, RNNs, and transformers , increasing model scalability by 50%.
- Analyzed data patterns to enhance algorithm efficiency, resulting in a 20% increase in processing speed using Python and TensorFlow.
- Applied methodologies such as supervised learning, transfer learning, and hyperparameter tuning to optimize performance.

Nordic Hospitality Suites

Nigeria

Software Developer Intern

Jan 2021 - Sep 2021

- Enhanced user experience by overhauling the website with a responsive design using JavaScript
- Reduced loading times by 15% to less than 2 seconds by optimizing website features with PHP, HTML, and CSS
- Implemented advanced booking functionality, reducing average booking time by 20%

PROJECT EXPERIENCE

Fitness Club Management System:[Github](#)

- Technologies: Python, PostgreSQL, Psycopg2, SQL, Datetime, Exception Handling

Wholesale Website:[Github](#)

- Technologies: Python, Flask, HTML, CSS

◦ Designed a customer account tracking system for managing debts, payments, and credits, integrated with an HTML frontend and Flask backend.

Reinforcement Learning Project (Mancala Agent):[Github](#)

- Technologies: Python, Reinforcement Learning, NumPy

◦ Implemented a reinforcement learning algorithm for Mancala, optimizing agent performance and improving decision-making accuracy by 35%.

SKILLS

Languages: Python, Java, Kotlin, C, C++, Swift, JavaScript, TypeScript, HTML, CSS

Web & Frameworks: Flask, Gatsby, React (familiar), REST APIs

Databases: PostgreSQL, MySQL, SQLite, Supabase

Tools & Libraries: TensorFlow, NumPy, Pandas, Psycopg2, Git, GitHub, Jupyter Notebook