

Waaberi Ibrahim

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SUMMARY OF QUALIFICATIONS

First Year Software Engineering student at University of Ottawa with experience in cybersecurity. Looking for a **Summer 2026 Coop term**. Comfortable working with Web Technologies. Experience winning hackathons.

EDUCATION

University of Ottawa

Ottawa, ON

BASc. in Software Engineering (CO-OP)

Sep. 2025 – Dec. 2029

- Entrance Scholarship of \$3,000 with Admission Average of 96.2%

EXPERIENCE

Cybersecurity Intern

Nov. 2024 – Jan. 2025

De La Salle Public High School

Ottawa, ON

- Found **2 critical vulnerabilities** impacting all systems connected to the network; worked on the **patch rollout**
- Built **4 tools (Python, Go, C++, C#)** automating **privilege escalation** and **remote code execution**
- Co-wrote a **vulnerability report** reviewed by staff members, driving **security improvements**

Computer Science Tutor and Coding Club President

Sep. 2023 – Jun. 2025

De La Salle Public High School

Ottawa, ON

- Founded and led CS club: ran **44 sessions**, tutored **47 students** in and outside class
- Led **9 DSA study sessions** and **5 mock CCC contests** to prep students for **competitive programming**
- Authored **20+ pages** of reusable docs (**Python, Supabase, Express, React**) for multi-year use

PROJECTS

Plussel | Python, React, Tailwind, PostgreSQL, Docker, Linux

Dec. 2024 – Jan. 2025

- Implemented the Back-End using **FastAPI (Python)**, **Tortoise ORM**, and **Docker**, deployed on **Vercel**
- Utilized **Supabase's PostgreSQL** backend and **OAuth**, with **JWT-based** auth and user roles
- Frontend designed in **React** and **Tailwind**, with **i18n** implementation to ensure bilingualism
- Autogenerated **API documentation** using **OpenAPI**, through the creation of **Pydantic models**

MyosAI | Node.js, Typescript, Next.js, CSS, Tailwind, Google Gemini API, Vercel

Dec. 2024 – Jan. 2025

- Build with **Next.js**, styled with **Tailwind** for a polished book-like UX, hosted on **Vercel**
- Integrated **Gemini API**, with custom prompt & business logic to create self-healing **JSON** output
- Designed a local + URL-based **state system**, enabling process **caching** and seamless continuity through branches

Coco Z | C#, XML, C++, Python, SQLite, HTML, CSS, JavaScript, Git, Linux

Oct. 2020 – Jan. 2023

- Developed the **monetization system** using **Python**, **HTML/CSS/JS**, **SQLite**, and the **Linkvertise API**
- Implemented **user tabbing**, **HWID verification**, and **notifications** for the desktop application (**C#**, **WPF**)
- Generated **\$3600 in Annual Revenue**, covering all expenses
- 6** team members, **1.5 million** downloads and **5000** people in the Discord server at its peak

SKILLS

Programming Languages: Python, C/C++, Java, SQL, JavaScript, HTML/CSS, C#, Golang

Databases: PostgreSQL, SQLite, MongoDB, Turso

Libraries: Spring Boot, React, Next.js, SolidJS, Flask, Django, Tornado, FastAPI, Express

Developer Tools: Git, Docker, Vercel, Linux, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Human Languages: Français, English

AWARDS AND CERTIFICATIONS

1st Place – Qiskit Fall Fest 2025 Hackathon

Oct. 2025

2nd Place – University of Ottawa Computer Chess Hackathon

Oct. 2025

1st Place - University of Ottawa Cyber Range FlagForce CTF

Oct. 2025

4th Place – Programming Category, Skills Ontario

May 2025

School Champion and Distinction – Canadian Senior Mathematics Contest

Nov. 2024

Meta Back-End Developer Professional Certificate

Sep. 2023