

Waaberi Ibrahim

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SUMMARY OF QUALIFICATIONS

Bilingual 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 <i>BASc. in Software Engineering (Génie logiciel)</i>	Ottawa, ON
	<i>Sep. 2025 – Dec. 2029</i>

- Entrance Scholarship of \$3,000 with Admission Average of 96.2%
- Relevant Coursework: **ITI1120 (Introduction to Computing I)** – Ranked **2nd out of 307 students**

EXPERIENCE

Cybersecurity Analyst <i>De La Salle Public High School</i>	Nov. 2024 – Jan. 2025
	<i>Ottawa, ON</i>
<ul style="list-style-type: none">• 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 <i>De La Salle Public High School</i>	Sep. 2023 – Jun. 2025

- 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 <i>Python, React, Tailwind, PostgreSQL, Docker, Linux</i>	Dec. 2024 – Jan. 2025
<ul style="list-style-type: none">• 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 <i>Node.js, Typescript, Next.js, CSS, Tailwind, Google Gemini API, Vercel</i>	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 <i>C#, XML, C++, Python, SQLite, HTML, CSS, JavaScript, Git, Linux</i>	Oct. 2020 – Jan. 2023
<ul style="list-style-type: none">• 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, AWS Cloud

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