

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 <i>BASc. in Software Engineering (CO-OP)</i>	Ottawa, ON Sep. 2025 – Dec. 2029
• Entrance Scholarship of \$3,000 with Admission Average of 96.2%	

EXPERIENCE

Cybersecurity Intern <i>De La Salle Public High School</i>	Nov. 2024 – Jan. 2025 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 <i>De La Salle Public High School</i>	Sep. 2023 – Jun. 2025 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 <i>Python, React, Tailwind, PostgreSQL, Docker, Linux</i>	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 <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
• 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