

Isaiah Aganon

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EDUCATION

Carleton University

Ottawa, ON

Bachelor of Computer Science (Honours), Minor in Mathematics

2027 (Expected)

- **GPA:** 90.4% (A+), Dean's Honour List (3x)
- **Relevant Coursework:** Abstract Data Types & Algorithms, Object-Oriented Software Engineering, Design & Analysis of Algorithms, Discrete Structures I & II, Database Management Systems, Operating Systems

EXPERIENCE

RBC

Toronto, ON

Frontend Developer TI Risk Intern | Figma, TypeScript, Angular, Tailwind CSS

May. 2025 – Present

- Used **Figma** to prototype **UI** designs and streamline stakeholder feedback, improving design-to-development turnaround time by **40%**.
- Developed **6+ core UI components** for an Operational Risk Reporting Dashboard used by senior leadership and regulators.
- Built dynamic, data-driven **Angular components** to visualize **14+ KPIs** across risk domains, enhancing clarity and accessibility of insights.
- Collaborated with backend and data science teams to integrate **APIs** and support visualization of **ML insights**, contributing to **risk reduction strategies**.
- Created **automated unit and integration tests** for Angular components using **Angular CLI** and **Jasmine**, increasing **code coverage** and reducing **production bugs** by **20%**.

Carleton University

Ottawa, ON

Teaching Assistant | JavaScript, HTML, CSS, SQLite, Node.js, Express.js, React

Sep. 2024 – Apr. 2025

- Delivered **weekly tutorials** to a class section of **33 students**, covering the fundamentals of web development with HTML, CSS, JavaScript, SQLite, and Node.js.
- Guided students through **hands-on projects** using **Node.js**, **Express.js**, and **React**, emphasizing RESTful APIs, component-based architecture, and state management.
- Hosted **weekly office hours** and **collaborative study sessions**, contributing to **85%** of students in the section earning an **A** or **higher** in the course.
- Efficiently graded **150+ assignments** and **tests** each term, delivering **clear, actionable feedback** that contributed to a **30% improvement** in students' performance on later projects.

PROJECTS

🔗 Webpage App | JavaScript, Next.js, React, CSS, Vercel

- Built an iMessage-styled interactive webpage with React and Next.js to showcase my biography, resume, experience, and projects, leveraging server-side rendering to improve SEO and load performance.
- Deployed on Vercel using its serverless architecture for fast performance, automatic scaling, and seamless CI/CD integration.

🔗 French Speaking App | Java, Spring Boot, TypeScript, Angular, PostgreSQL, Ollama

- Built a gamified French language learning app using Angular and Spring Boot for real-time AI-driven voice conversations, leveraging Ollama AI for dynamic language correction and feedback.
- Integrated a PostgreSQL database to persist chat history, user profiles, and scoring data, enabling memory for the Ollama-powered chatbot.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, SQL

Frameworks & Libraries: React, Angular, Spring Boot, Node.js, Next.js, Express.js, Tailwind CSS

Developer Tools: Git, Figma, Docker, Linux, AWS, Vim, VS Code, IntelliJ, Vercel, Maven

Spoken Languages: English (Native), French (Limited Working Proficiency)