

Carson Spriggs-Audet

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EDUCATION

Concordia University

BA in Economics (Planned Transfer to BCompSc).

Montreal, QC

Sept. 2024 – Ongoing

John Abbott College

DEC, Computer Science (420.B0)

Sainte-Anne-de-Bellevue, QC

Aug. 2021 – May 2024

- Award for Outstanding Academic Improvement.
- Director of JACHacks, John Abbott College's hackathon.

RELEVANT EXPERIENCE

Fullstack Developer Intern

May 2024 – Present

Tail'ed

Montreal, QC

- Development: Building and maintaining the company website using Next.js, TypeScript, and ShadCN for a smooth UI/UX.
- Artificial Intelligence: Developing and implementing an AI-powered job applicant ranking system.

Head Delegate of Montreal

March 2024 – Present

Canadian University Software Engineering Conference (CUSEC)

Montreal, QC

- Funding Research: Conducting research to secure funding from various sources to sponsor student attendance.
- Promotions: Initiating and managing promotional activities to generate interest among students at 10+ post-secondary schools.

Director

March 2024 – June 2024

JACHacks

Sainte-Anne-de-Bellevue, QC

- Leadership: Led a team of 5 in planning and organization for first edition of the hackathon, garnering 200+ attendees.
- Organization: Delegated and assisted my team in their respective roles to ensure we would make our deadline.

IT Intern

January 2024 – May 2024

Ville de Kirkland

Kirkland, QC

- Tech Support: Provided timely resolution of IT issues for government employees, ensuring uninterrupted operations.
- Cybersecurity: Utilized CrowdStrike Falcon for vulnerability detection and resolution, bolstering network security.

PROJECTS

CropCare | IoT, .NET MAUI, Python, TinkerCAD

2024

- Recognized as the top project in the history of the courses Application Development III & Connected Objects.
- Developed an IoT container farm integrating Raspberry Pi, Python, and .NET MAUI for centralized monitoring and control.
- Implemented real-time data communication through Microsoft Azure, enhancing farm management efficiency.

Linky | RAG AI, Vector Database, Mantine, TypeScript

2024

- Finalist & Challenge Winner at MariHacks 2024.
- Utilized RAG AI in combination with a vector database to allow users to interact with web pages through Linky.

Neural Activity Decoding | Machine Learning, Python

2024

- Fourth Place in McGill's PharmaHacks 2024 event.
- Utilized RandomForestRegressor to determine the navigation and position of a mouse using retrosplenial cortex data.

TradeMind AI | Machine Learning, Python, React.js

2024

- Developed for AI Launch Lab's R&D program and recognized as the top project in the history of the program.
- Tested various machine learning models to accurately predict the closing prices of stocks within the S&P 500.
- Created a React website to present our AI model & host it with Cloudflare for public access.

COMPUTER SCIENCE SKILLS

Development: Proficient in SCRUM methodology, utilizing DevOps & CI/CD practices for software development.

Languages: Python, Java, TypeScript, JavaScript, C#, SQL, Kotlin, NoSQL, HTML/CSS.

Frameworks/Libraries: React, ASP.NET, .NET MAUI, jQuery, Xamarin, Mantine, Next.js.

Tools/Platforms: GitHub, Docker, Unity, Microsoft Azure, Jira, GNS3.

Additional: Fullstack Development, Microservices, Machine Learning, MERN stack, IoT Development, Bash/PowerShell.