Carson Spriggs-Audet

(514)-662-9502 | carsonspriggs8@gmail.com | LinkedIn | Website | EN/FR

EDUCATION

Concordia University   Montreal, QC
BA in Economics (Planned Transfer to BCompSc).   *Sept. 2024 – Ongoing*

John Abbott College   Sainte-Anne-de-Bellevue, QC
DEC, Computer Science (420.B0)   *Aug. 2021 – May 2024*
- *Award for Oustanding 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.

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 via a mobile app.
- 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 calcium imaging neural activity 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.