Alexandre Duteau

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SKILLS

Languages: Python, CSS, HTML, JavaScript, TypeScript, Go, Java, C, Assembly, SQL
Frameworks: Django, Next.js, React, TailwindCSS
Libraries: D3.js, JUnit, NumPy, Node.js, Swing, JavaFX
Developer Tools: Bash, Git, Linux, Vercel, Supabase, MySQL, PostgreSQL, Baselime, Segment, Juypter

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EXPERIENCE

Software Engineer | Midas Labs   May 2024 – Present

- Developed REST APIs to integrate company feedback data with AI chatbot web applications, utilizing GoLang, SQL, and Encore for the backend.
- Created and maintained frontends for client chatbot demos, using TailwindCSS, React, TypeScript and Next.js to ensure functionality and design criteria aligned with client needs.
- Designed and built a streamlined company website using React and TailwindCSS, focusing on user experience and performance.
- Contributed to the architecture and performance optimization of a scalable iOS application.
- Cleaned and formatted data for AI models in LLM formats, including JSON and Markdown.

Web Developer | Canadian Global Care on Campus   Sept 2023 – Present

- Created and launched a dynamic website that improved the club's online presence, leading to a 30% increase in event attendance.
- Regularly updated and refined the site to better engage visitors and support club activities.
- Worked closely with club executives and members to gather requirements and feedback, ensuring the website effectively met all expectations.

PROJECTS

NeuralBlend | Python, TypeScript, Next.js, React, TailwindCSS   Aug 2024 - In Progress

- NeuralBlend is a web application using a stable diffusion CNN to generate custom images. Built with Python, Next.js, and React, it provides a user-friendly interface for generating high-quality, AI-generated images tailored to user specifications.

Self Checkout Station | Java, Swing   April 2024

- In a group of 20, we created an entire software for a self-checkout station. This included all the main components that a self-checkout station would have, such as a barcode scanner, a screen, and a payment system, etc. Also using swing to create the UI

EDUCATION

University of Calgary | BCs in Computer Science   2022 – 2026

CGPA: 3.34 / 4
Awards and Honours: Alexander Rutherford Scholarship