Jacob Morency

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WORK EXPERIENCE

Canadian Coast Guard   **May. 2024 – Dec. 2024**
Junior Developer   *Hybrid – Ottawa, Nepean St*

- Participated in testing and validation of a new data synchronization tool used to consolidate vessel and station records across the fleet.
- Reported bugs and provided updated database iterations to support integration into a centralized Operational Data platform.
- Explored applications of GenAI in operational analytics; prototyped tools for parsing and summarizing vessel spreadsheet data.
- Contributed to the frontend of a college student web application, assisting with layout, styling, and UI improvements using web technologies.
- Collaborated with IT and Operations to improve workflows and assess feasibility of new technologies
- Gained hands-on experience with real-world database workflows and requirement-gathering processes in a federal setting.

Shared Services Canada   **May. 2023 – Aug. 2023**
IT Asset Disposal Technician   *Gatineau, Place du Portage*

- Managed secure imaging and data-wiping of federal hardware using PowerShell scripts and KillDisk utilities.
- Verified wipe success by checking BIOS reset and logging certification files; escalated and resolved hardware edge cases (e.g., failed certificates, BIOS lockouts).
- Maintained asset records in internal tracking systems, updating hardware status from acquisition through disposal.
- Praised for strong initiative and teamwork by supervisors during high-volume periods.

PROJECTS

Rive Workout Tracker   **May. 2024 – Present**
React, Supabase, Tailwind CSS, React Native

- Built and deployed a workout logging app with real-time progress tracking and user authentication.
- Designed a mobile friendly UI with Tailwind and DaisyUI.
- Ported to React Native for support for native mobile features.

EDUCATION

Cégep Heritage College   **May, 2025**
Computer Science   *Gatineau, Cité des Jeunes*

- 3 Year Advanced Diploma (DEC).

SKILLS & INTERESTS

- **Technologies:** JavaScript; React; Next.JS; Tailwindcss; React Native; C#; ASP.NET; Blazor; SQL; Git; GitHub; Azure Dev Ops
- **Skills:** Problem Solving; Team Collaboration; Self-Motivated; Clear Communication; Passionate Learning; Attention to Detail
- **Interests:** Weight Training; Stand-Up Comedy; Chess; Virtual & Augmented Reality; Gaming