

Adrian Vining

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EDUCATION

Nova Scotia Community College

Bachelor of Applied Science in Computer Science

Halifax, NS

Sep. 2024 – April 2026

- GPA: 3.78/4.0

EXPERIENCE

Store Manager

February 2023 – September 2023

Xen-Z Virtual Reality

Bedford, NS

- Consistently maintained reliability across 8 separate Windows and Meta systems by diagnosing software and hardware issues, and implementing effective solutions to maximize uptime.
- Completed daily opening and closing tasks, including stock management/replenishment, monitoring the schedule to prepare for bookings, and rigorous attention to detail to ensure a clean, welcoming space.

Assistant Store Manager

September 2023 – December 2023

Spencer Gifts LLC

Dartmouth, NS

- Frequently planned and discussed with store manager to arrange large-scale store moves and rearrangements of products to align with company standards. This involved creating stands and shelves of trendy, relevant products which boosted sales by 200%.
- Personally trained and mentored 5 employees to foster a results-driven and collaborative work environment.
- Tracked and exceeded daily sales goals ranging from \$2,000 to \$20,000.

Assistant Store Manager

October 2020 – February 2023

Xen-Z Virtual Reality

Bedford, NS

- Assumed managerial duties in absence of the store manager, showcasing reliability and responsibility.
- Handled unexpected situations with adaptability and quick problem-solving skills.
- Collaborated with another establishment to create a financially beneficial relationship.

Sales Associate

December 2023 – Present

Spencer Gifts LLC

Dartmouth, NS

- Mastered proprietary company software and hardware to track inventory and stock locations, allowing me to optimize the item cataloging and retrieval process.
- Regularly exceeds goals for add-on impulse purchases at the checkout, being 10% to 20% above what is expected.

PROJECTS

Dynamic HRM Bus Tracker | *JavaScript, HTML, LeafletJS, GeoJSON*

February 2025

- Created the front and back end of an application to track (in real-time) the locations of buses in the HRM using fetch requests and Halifax's API.
- User can select which routes to display using a checkbox system, and buses dynamically change size depending on the current user's zoom level to ensure a consistent and easy-to-understand interface.

Wuthering Waves Optimizer | *Python, pytesseract, pyautogui, PIL*

June 2024

- Developed a full-stack local application to run thousands of battle simulations for a video game to optimize maximum damage output.
- Implemented various Python libraries that automatically index through the user's video game inventory, capture screenshots, use an OCR library to extract text, and then make a local database to implement into the damage simulations.

Northwind Data Migration | *MySQL, MySQL Workbench*

November 2024

- Created and fully labeled an Entity Relationship Diagram including both foreign and primary keys to logistically and practically link tables.
- Performed a MySQL database migration for the company, done in real-time while accepting new data, and without shutting down servers.

TECHNICAL SKILLS

Languages: JavaScript, Python, C, Java, SQL (MySQL), HTML/CSS

Developer Tools: Git, GitHub, Git Bash, VS Code, PyCharm, IntelliJ IDEA, JetBrains CLion, MySQL Workbench

Libraries: pyautogui, PIL, pytesseract, LeafletJS