Brad Ramnarinesingh

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EDUCATION

University of Toronto Mississauga

Honors Bachelors of Science(Computer Science, Mathematics)   *Sept. 2021 – Present (Expected in 2025)*

EXPERIENCE

Sales Associate   May 2023 – Present

Peel Hardware & Supply   *Caledon, ON*

- Proficient in efficiently restocking and organizing merchandise to maintain a well-stocked and visually appealing sales floor. Experienced in monitoring inventory levels, identifying low-stock items, and promptly restocking them.
- Provided excellent customer service by assisting customers with their inquiries, offering product recommendations, and addressing concerns in a friendly and helpful manner. Demonstrated strong interpersonal skills and a customer-focused approach to ensure positive shopping experiences.
- Developed basic cash handling skills by occasionally assisting with cash transactions at the point of sale. Demonstrated accuracy in processing payments, providing change, and maintaining cash register integrity under supervision.

Web Developer/Designer

Example: Omega Pest Control (omegapestcontrol.ca)

- Proficiency in web design and development, focusing on creating visually appealing and functional websites while emphasizing custom designs and layouts. Strive to ensure responsiveness and user-friendliness for clients.
- Strong foundation in HTML and CSS, enabling the creation of clean and structured code. Implement modern design elements, ensuring cross-browser compatibility and adherence to web standards.
- Experience with WordPress for website development, involving theme customization and plugin utilization to enhance website functionality. Familiar with troubleshooting and resolving common technical issues to maintain optimal website performance.

PROJECTS

Huffman Lossless Compression Program | *Python*

- Implemented a Huffman Lossless Compression program as part of an object-oriented course using Python. Implemented the compression algorithm, utilizing Python's data structures and advanced coding techniques to achieve efficient compression results.
- Successfully implemented the Huffman compression algorithm in Python, leveraging the language's built-in functionalities and libraries. Ensured the program's functionality by handling file input/output, encoding and decoding data, and preserving data integrity throughout the compression process.
- Incorporated robust error-handling mechanisms into the program to handle potential exceptions and ensure reliable performance. Conducted thorough testing of the compression program to validate its functionality and ensure accurate decompression of compressed files.

Phone Company Management System | *Python*

- Developed a phone company management system in Python for a university project, handling data structuring for customer and contract management, and ensuring precise tracking of phone lines.
- Implemented functionality for processing call events and advancing billing cycles, improving billing accuracy in accordance with contract terms.
- Created data visualization features for the project to facilitate in-depth call data analysis.

TECHNICAL SKILLS

Languages: Java, Python and HTML/CSS
Developer Tools: PyCharm, Git, VS Code, Visual Studio and Eclipse
Libraries: Pytest, python-ta, Numpy, Matplotlib