

Muhammed Burhan

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EDUCATION

Carleton University

Honours Bachelor of Computer Science, Co-op Education

Expected Graduation: May 2026

11.55/12.0 CGPA

- Specializing in AI and Machine Learning — Deans' Honour List Student
- Relevant Coursework: Introduction to Computer Science I & II, OOP, Web Development, Data Structures & Algorithms, Systems Programing, Linear Algebra, Discrete Mathematics, Calculus II

EXPERIENCE

High School Mathematics Tutor (Remote)

June 2021 – Present

Brookfield Hightschool

Ottawa, ON

- Crafted dynamic teaching styles, such as visual representations and real-world examples, resulting in a notable 59% increase in student participation, motivation, and overall success

Telecommunications Sales Representative

May 2023 – July 2023

TSM Inc.

Ottawa, ON

- Handled initial customer inquiries, freeing up sales representatives for more complex interactions and increasing overall efficiency by 20%.
- Prioritized customer service and satisfaction by 23%, consistently exceeding expectations through personalized consultations, problem-solving, and machine learning algorithms.

PROJECTS

GhostBusters | C, Ubuntu Linux

- Contributed to a team effort using Git in the Ubuntu VM, ensuring version control and collaboration efficiency.
- Created a C program in Ubuntu Linux for estimating ghost likelihood, leveraging a variety of different data structures, and algorithms.

Java Collections Code Problems | Java, IntelliJ

- Demonstrated proficiency in Java Collection Framework concepts to implement tailored solutions for different types of coding problems, showcasing adaptability and problem-solving skills
- Implemented data structures and algorithms with a focus on achieving efficient runtime and space complexity, resulting in highly performant solutions that significantly improved program efficiency

PuzzlifyPro | Javascript, HTML/CSS, Node.js

- Developed an interactive app where users can solve puzzles by dragging words around on the canvas using their mouse.
- Collaborated in a team to implement server-side validation to determine if the rearranged words represent the correct solution.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (Postgres), JavaScript, HTML/CSS, Ruby

Frameworks: React, Node.js, JavaFX, Django, Flask, NumPy, Pygame, Pandas, Linux

Developer Tools: Git, Github, VS Code, NetBeans, PyCharm, IntelliJ, Eclipse

Soft Skills: Communication, Time Management, Adaptability, Team Player, Leadership, Problem Solving