

Muhammed Burhan

+1(438)492-9433 | muhammedbur7an@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#) | Ottawa, ON

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: Python Programming, Java Object Oriented Programming, Web Development, Data Structures & Algorithms, Systems Programing, Linear Algebra, Discrete Mathematics I & II , Calculus I & II

EXPERIENCE

Mathematics Tutor (Remote)

June 2021 – Present

Brookfield Highschool

Ottawa, ON

- Developed dynamic teaching styles for Mathematics, 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

- Engineered a robust C program on Ubuntu Linux to assess the likelihood of ghost presence, employing diverse data structures and algorithms for accurate estimation.
- Spearheaded team collaboration using Git, proficiently executing push and pull commands for seamless code synchronization and streamlined development.

Java Collections Code Problems | Java, IntelliJ

- Demonstrated advanced proficiency in Java Collection Framework, crafting customized solutions for diverse coding challenges, showcasing adaptability and strong 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

- Innovated and developed an engaging interactive app, enabling users to solve puzzles by intuitively rearranging words on the canvas using their cursor.
- Collaborated in team efforts to integrate server-side validation, ensuring accurate assessment of rearranged words for correct puzzle solutions, highlighting both individual and collaborative skills.

TECHNICAL SKILLS

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

Frameworks: React, Node.js, MongoDB, 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