

MAHEK B. PARMAR

📍 St. John's, NL

✉ mbparmar@mun.ca

in Mahek Parmar

📺 Limitless Math

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🔄 mbparmar11

Education

Memorial University of Newfoundland
Bachelor of Science – Double major in Computer Science & Pure Mathematics

Sep. 2020 – Dec. 2023 (expected)
GPA: 3.95/4.00 Average: 94.5%

Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS, Sass
Libraries & Frameworks: Flask, NodeJS, Numpy, Pandas, Jupyter, SQLite, SQLAlchemy, MongoDB, jQuery, MochaJS, Bootstrap, Pandas, Git, React

Projects

Educator – YouTube

Active

- Created a non-profit education channel, where I upload videos to help students understand calculus.

Book My Seminar

Python, Flask, HTML, Bootstrap

- Developed an interactive Flask application that allows students to register for seminars. Summer 2022
- Designed a concise UI & implemented email automation for credential & event reminder purposes.

Portfolio Website

JavaScript, HTML, Sass

- Deployed an innovative & responsive website which showcases my portfolio. Summer 2022
- Implemented several animations to give it a modern UI & used JS to make the website interactive.

KingDomino game (academic)

Java, JavaSwing

- Designed the GUI & led the group for the back-end, resulting in a usable & accessible UX. Winter 2022
- Improved the architecture by using software patterns such as creator, controller & protected variations.
- Implemented event listeners & developed the back-end based on OOP & algorithmic principles.

Workout Tracker (academic)

JavaScript, jQuery, MongoDB

- Collaborated on building a web application to help users plan & manage workout routines. Winter 2022
- Used MVC Framework to design the architecture & developed server-side using JS, jQuery & MongoDB.

Distinctions

Dean's Book Prize in Computer Science	Sept. 2022
Student Volunteer Bureau Bronze Award	Aug. 2022
MUN Faculty of Science Dean's List (x2)	2021, 2022
Undergraduate Academic Excellence Award	Jun. 2022
International Student Resource Centre Award	Jun. 2022
International Undergraduate Academic Award	Oct. 2021
Churchill Falls Science Scholarship	Oct. 2021

Work Experience

Teaching Assistant – Math Department, Memorial University

St. John's, NL

- Marked student assignments for Calculus II & collaborated with professors.

Sep. 2021

Assistant Manager – Godram Traders

Dar es Salaam, Tanzania

- Improved sales, inventory control & operational efficiency by providing hands-on assistance to customers, assessing needs & managing the workforce.

Jan. 2020 – Aug. 2020

Leadership & Student Groups

Logistics Executive – HackFrost NL

Marketing Director – Memorial University Business Society

Peer Mentor – Memorial University Peer Network

Member – Google Developer Student Club, MUN CS Society, The Fund

Volunteer – Student Volunteer Bureau, Canadian Blood Services, Campus Tour Guide