






# MAHEK B. PARMAR


 St. John's, NL

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 Mahek Parmar

 [Limitless Math](#)

 [mahekbparmar.com](#)

 [mbparmar11](#)

## Education

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

Sep. 2020 - present  
GPA: 3.97/4.00 Average: 94.5%

## Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS, Sass

Libraries & Frameworks: Flask, Eclipse, GitHub, VS Code, Bootstrap, jQuery, NodeJS, MochaJS, SQLite, MongoDB

## Projects

### Educator - YouTube

Active

- Created a not-for-profit [education channel](#) to help students understand calculus.

### Car Model Detection using Deep Learning

Python  
Summer 2022

- Collaborated on a project that uses [convolutional neural networks](#) to detect the make & model of cars with 79.5% efficiency.
- Preprocessed the dataset for the model & worked on model assessment with regard to statistical measures.

### Book My Event

Python, Flask, HTML  
Summer 2022

- Developed a Flask application allowing users to register for events.
- Implemented [automation](#) by sending automatic emails for registration confirmations.
- \*\*\*One line description - to be added \*\*\*

### Portfolio Website

JavaScript, HTML, CSS  
Summer 2022

- Developed an interactive website from scratch which showcases my portfolio.
- Implemented several animations & styles giving the webpage a modern yet simplistic appearance.

### KingDomino game (academic)

Java, JavaSwing  
Winter 2022

- Designed the GUI & [led the group](#) for the back-end, resulting in a fully-functional game.
- Developed the backend 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  
Winter 2022

- Collaborated on building a web application to help users plan & manage workout routines.
- Contributed to back-end development using jQuery to give the application its desired functionalities.

## Distinctions

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  
Sept 2021

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

### Assistant Manager - Godram Traders

Dar es Salaam, Tanzania  
Jan. 2020- Aug. 2020

- Improved inventory control, merchandising & operational efficiency.
- Provided hands-on assistance to customers, assessing needs & maintaining current knowledge of preferences.