

# Vraj Bhavsar

(647)-809-0429  
vraj13725@gmail.com

in vraj-bhavsar  
vraj137  
vraj137.github.io

## Education

### University of Waterloo

B.A.Sc. in Computer Engineering - 1A

Relevant Courses: Linear Algebra, Calculus 1, Classical Mechanics, Fundamentals of Programming

Expected: April 2027

CGPA: N/A

## Skills

**Languages:** Java, Python, JavaScript, HTML/CSS, C++

**Tools/Technologies:** Git, Bootstrap, React

## Projects

### Weather Application

- Built a weather application with React that allows users to view weather conditions in a particular location using Open Weather Map API

### Fitness Freak - Hack the North 2021

- Developed a user-friendly Fitness App with React Native and Django to help enhance the experience of letting individuals workout stress free from anywhere with friends and families virtually

### Phonebook Directory

- Constructed a telephone directory using Java that allows users to enter an unlimited amount of contacts with their full name, phone number, email address, birthday and gender in an organized list

### Pong Game

- Created a fun functional game of pong to play with opponents with the use of Pygame (Python)

### Tesla, Inc. Homepage Clone

- Succeeded in the creation of a replica homepage for Tesla, Inc. using two core technologies to create web pages; HTML/CSS

## Experience

### Toronto District School Board

March 2022 – June 2022

Mathematics Tutor

Scarborough, ON

- Working with grade 9's and 10's that have difficulty in understanding the concepts of mathematics related to number sense, algebra, geometry, data, probability, and financial literacy in which being able to help them overcome

### StemEncounters

July 2021 – June 2022

Website Team

New York

- A part of an organization that teaches young students the opportunities in STEM and being a part of a movement by create the bases of the organization such as the technological aspects
- Aided in the creation of the organizations main website and regularly monitoring it for any errors and being able to resolve them

### headstartSTEM

January 2021 – June 2022

Web Developer

San Jose, CA

- Developed a general web page for the organization on GitHub with the help of HTML, CSS and JavaScript to allow users navigate through our STEM organization that supports the learning of aspiring STEM students
- Using HTML, CSS, and JavaScript to troubleshoot technological issues on the website
- Brainstormed ideas on how to improve the Frontend design of the website as a team

## Volunteer Experience

### YMCA

July 2018 – March 2020

Aquatics Assistant

Scarborough, ON

- Providing children and youth ages 3 to 15 years registered in the swim program healthy opportunities to learn and improve their swim skills.
- Building a strong relationship with staff members across the facility with an open heart and bright smile.