

Dhruv Bhavsar

(647) 818 0429 | bhavsd1@mcmaster.ca
github.com/dhruv423 | linkedin.com/in/dhruv-bhavsar

EDUCATION

Computer Science Co-op

McMaster University, B.A.Sc.

Expected Graduation: April 2022

CGPA: 3.90/4.0

- McMaster Artificial Intelligence Society (Project Team)
- Autonomous Robotics and Vehicle Innovation McMaster (Software Team)
- Relevant Coursework: Introduction to Computational Thinking, Computer Science Practice and Experience

TECHNICAL SKILLS

Languages	Java, Python, HTML, CSS, C, JavaScript, Haskell, Bash
Tools	TensorFlow, ML5.js, P5.js, Microsoft Azure, Git, Django
Other	CPR-C, Standard First Aid, Bronze Cross (Course to Lifeguard), Debugging Code

PROJECTS

BlinkBuddy

January 2019

DeltaHacks 5

- Developed an iOS application that detects blinking using 3-D face mapping from ARKit allowing ALS patients to perform tasks without the need of assistance
- Implemented commands such as sending emergency text messages using Twilio's SMS API and open or close doors modelled by an Arduino connected to a MQTT protocol

Ependyo

November 2018

Hack Western 5

- Led the team to build a web application using HTML, CSS and JavaScript that combines several financial tools under one convenient location to help build a stronger financial future
- Implemented Microsoft Azure's Chatbot in our website which allows users to learn about financial terms more effectively
- Exhibited leadership by effectively assigning and managing tasks to 3 teammates

Swift Check

September 2018

Hack the North

- Created a web application using P5.js and ML5.js that identifies items that do not have a barcode in grocery stores in 36 hours
- Implemented a checkout component using the ML5.js pre-trained machine learning model to identify fruits via the live video feed using P5.js thus eliminating manual entry

VOLUNTEER EXPERIENCE

Founder and President

October 2017 – March 2018

Programming Club at Lester B. Pearson CI – Scarborough, ON

- Taught Java to over 15 students eager to get a head start on computer science
- Explained fundamental algorithms to further give club members a deeper understanding in Java
- Implemented high-impact teaching strategies which resulted in an increase in test scores

Sales Associate

June 2016 – September 2016

Sunnybrook Hospital – Toronto, ON

- Handled daily financial transactions through the cash register
- Provided excellent customer service by maintaining a welcoming and customer focused approach
- Recorded the transactions made in the shift and deposited the amount into the Gift Shop Account

Office Assistant

June 2015 – August 2015

Rathika Sitsabaiesan Member of Parliament Constituency Office – Scarborough, ON

- Assisted in preparing extensive casework thus expediting the process of meeting citizen needs
- Improved overall citizen satisfaction through providing comprehensive information and assistance over the phone
- Created support letters that were sent to embassies and citizens regarding their problems