

# Harsh Patel

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## EDUCATION

### McGill University

Bachelor of Science, Honours  
Computer Science and Biology  
Minor in Mathematics  
Expected Grad. May 2021  
Cum. GPA: 3.9/4.0

## AWARDS

J.W McConnell Scholarship  
Tomlinson Engagement Award for  
Mentoring  
University of Toronto National Book  
Award

## COURSEWORK

COMP 250:  
Data Structures and Algorithms  
COMP 206:  
Introduction to Software Systems  
COMP 202:  
Foundations of Programming  
MATH 240:  
Discrete Mathematics

## SKILLS

Languages:  
Java, Python, JavaScript, Ruby  
Frameworks and Formatting:  
Rails, Express, Pug, EJS, CSS, HTML,  
Markdown  
Databases:  
SQL  
Tools:  
Node, Git, Vim, Atom, Ubuntu,  
Jupyter

## OTHER EXPERIENCES

CS Helpdesk Tutor (2018-Present)  
First Robotics Team 4902 (2015)

## EXPERIENCE

### Software Developer

SIMVO | www.simvo.io

Sept 2017 – May 2018

Montréal, QC

- Developed a chrome extension and contributed in the planning of a degree-planning website that impacts over 1000 students.
- Implemented an add to calendar feature that supports (Google, iCal, Outlook etc.) for the chrome extension with client-side JavaScript.

### Student Council Prime Minister

Dr. Frank J. Hayden Secondary School

Sept 2015 – June 2017

Burlington, ON

- Organized and started an annual event called Inside Ride which raised over \$20,000 for children with cancer and their families.
- Led meetings, improved student voice and ran multiple events over the span of two years.

## PROJECTS

### Personal Website

www.mrharshpatel.com

Node.JS | Express | PUG | SQL | Markdown

- Utilized Node.JS to develop a live website that showcases my notes and projects.
- Designed and implemented an SQL database to store and retrieve notes in order to optimize site loading times.

### OneVote

StarterHacks 2018

Ruby on Rails | HTML | CSS | SQL

- Developed a website that delivers political information and government polls depending on a user's geographic location.
- Invented a successful prototype using Ruby on Rails that featured a login system, CRUD capabilities and location filtering.

### Voting Bot and Meme Generator

Discord (Chat and Voice Service)

Java | SQL

- Used object oriented design principles in Java to create a voting bot that allowed users to create polls and securely store their data on a local database.
- Created a meme-generator bot that used HTTP requests and API calls to retrieve a random meme and a political slogan in order to entertain members of the discord server.