# 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**                    Sept 2017 – May 2018
SIMVO | www.simvo.io                              Montréal, QC
- Developed a chrome extension and contributed in the planning of a degree-planning website that impacts over 700 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**        Sept 2015 – June 2017
Dr. Frank J. Hayden Secondary School              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.