

Harsh Patel

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EDUCATION

McGill University

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

COURSEWORK

Data Structures and Algorithms
Object-Oriented Programming
Discrete Mathematics
Multi-variable Calculus
Linear Algebra
Physical Biology of the Cell
Organic Chemistry

SKILLS

Languages:

Java, Python, JavaScript, Ruby

Frameworks and Formatting:

Express, Pug, EJS, CSS, HTML, Markdown

Databases:

SQL

Tools:

Git, Vim, Jupyter, Atom

OTHER EXPERIENCES

Inside Ride Leader (Raised over \$20,000)
Student Council Prime Minister (2014-16)
ICU Hospital Volunteer
First Robotics Team Member 4902

EXPERIENCE

Software Developer

Sept 2017 – Present

SIMVO

Montréal, QC

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

Helpdesk Tutor

Sept 2018 – Present

Computer Science Undergraduate Society

Montréal, QC

- Tutor for Introduction to Java Programming and Introduction to Data Structures and Algorithms.

PROJECTS

Personal Website

mrharshpatel.com

- A dynamic website created to learn more about modern web development tools.
- The website dynamically obtains my notes (written in markdown) and projects and adds them to an SQL database which is then used to display to the user.
- The stack used included Node.JS, PUG, Express and SQL.

OneVote

Created for Starter Hacks 2018 Waterloo, ON

- Worked as a team of four to create a website that delivers political information and government polls depending on a user's geographic location.
- Made a prototype in 24 hours with Ruby on Rails and SQL, that featured a login system, CRUD capabilities, and location filtering.

Discord Democracy and Meme-Campaign Generator

Created with the Java Discord API

- Made a voting bot for a popular chat service that allows users to create polls and vote using SQLite.
- Made a campaign meme generator that uses RESTFUL API calls to get a random meme and political slogan for a campaign on the chat service.