# Harsh Patel

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 linkedin.com/in/mrharshpatel

## 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 – May 2018
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.

## 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.

**Elastic Collision Simulator**
McGill Physics Hackathon 2017 Montreal, QC
- In a team of two, used Java Swing to create a physics simulation of completely elastic collisions in 24 hours.