

# Vraj Patel

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## EXPERIENCE

### Technical Analyst, Toronto Transit Commission

Jan 2020 – Apr 2020

- Organized the redesign of an internal directory.
- Designed and directed daily incident reports to help the ITS team follow SLA deadlines.
- Identified servers missing asset tags and assigned individual tags to them.
- Developed a Jasper Soft dashboard which kept an updated list of server inventory.

### Technical Assistant, Saint Michael Catholic High School

Sept 2017 - Jan 2019

- Aided my computer science/engineering teacher with technical issues.
- Maintained and upgraded servers that are to be used in labs for our computer engineering course.
- Planned and Assembled the school's virtual reality lab.

### Air Cadets, Legion Branch 479

Sept 2016 - Jun 2018

- Enhanced my soft skills such as respect, patience and teamwork by following the morals of the Royal Canadian Air Force.

### Desk Clerk, Advance Inn

Jul 2016 - Aug 2019

- Managed online reservations.
- Ensured that all guest received adequate service.

## Volunteering Experience

### Camp Leader - Lego Robotics, Victoria Library in Niagara Fall

Sept 2016 - Aug 2018

- Taught children how to assemble and program Lego robots.
- Created interest for robotics in children.

### Camp Leader - Makers Camp, Victoria Library in Niagara Fall

Sept 2016 - Aug 2018

- Headed a group of children during engineering challenges.
- Demonstrated leadership and responsibility by organizing a group while completing challenges.

## Projects

### Shopping Cart with Stripe API

- A shopping cart with payment features using JavaScript and a Stripe API.
- This web app was used as a template for our family business's website.

### Arduino Thermostat

- A live thermostat created using an Arduino and a DHT 11 sensor.
- The thermostat displayed the humidity and temperature of any room it was placed in.

### Weather API

- A simple JavaScript web app which displays the weather at the user's location.

### Chat App

- A web app which allowed users to send and receive messages using Socket.io.

### Contacts Web App

- A basic CRUD application which allows the user to create, store and delete contacts within a MongoDB collection.

## SKILLS

**Programming skills:** C++, JavaScript, NodeJS, MongoDB, Express, Mongoose, Python, HTML, CSS

**Version Control:** GitHub, Team Foundation Server

## Education

### Saint Michael Catholic High School

**Computer Engineering at the University of Waterloo** – Currently enrolled in 1B

## AWARDS

**Waterloo Entrance Scholarship - 2019**

**Dr. Wu Science Award - 2019**

**Saint Michael Catholic High School Physics Award - 2018**

**Saint Michael Catholic High School Science Award - 2017**