

# KARAN PATEL

647.712.2334

karanpatelcv.com

ptlkaran97@gmail.com

## PROFILE

As a senior computer science student, my short-term goal is to seek opportunities that enhance the ability of applying my academic skills and content to real-world experiences. Over time, I want to contribute to the technological innovations by learning novel techniques to implement efficient code and ensure stable design architecture.

## EDUCATION

Computer Science  
York University | 2015-2020

## RELATED COURSES

Algorithms & Data Structures  
Database Systems  
Mobile Applications  
Software Design

## FRAME-WORKS

AngularJS  
ExpressJS  
NodeJS  
Selenium

## SKILLS

### LANGUAGES:

JavaScript, Python, C, Java,  
Bash, RISC-V,  
Verilog(IEEE 1364)

### TOOLS:

Github, MongoDB, FireBase,  
PostgreSQL, JDBC, npm, Intelli  
J, Py Charm, Webstorm,  
Android Studio, Arduino,  
Raspberry Pi, IFTTT  
Digital Design - Adobe PS

## PROJECTS

### Friendly Chat Room

July 2019

- Full Stack Web Application using NodeJs and Firebase
- User Login building with Firebase OAuth verification (Google, Facebook, etc...)
- Managing messages and images using Cloud Firestore Storage
- Showing Notifications using Firebase Cloud Messaging technology

### The Forecast Channel

May 2019

- Full Stack Angular Weather Forecast Application
- Application allows users to search for a city
  - Program displays the weather of the city in Celsius
  - Program uses a free weather api to retrieve weather data
  - Users have the option to save the city weather info
  - Saved cities page the current temp of the saved city(ies)

### The RGB Guessing Game

April 2019

- Web app designed using HTML, CSS, Java Script, JQuery
  - Java Script: randomized colours and event handling
  - JQuery: styling and animations
- User must select the appropriate square corresponding to the RGB value presented at the top

### Automated Course Enrollment

July 2018

- Python script that utilizes the Selenium2 Web Driver
  - This program automates the enrollment into selected course(s) using the Yorku Student Portal
  - Used Selenium API to manipulate the desired fields and options
  - Screenshots are taken after every new window to ensure enrollment or display error such as "Section Full" or "Seats Reserved"