KARAN PATEL

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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.

PROJECTS

Angular Weather App — May 2019
- Full Stack Angular Weather Forecast Application
- Application allows users to search for a city
  - Program displays the weather of the city in Celcius
  - 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

Tic Tac Toe Game — March 2019
- Web app developed using HTML, Java Script, and CSS
  - Java Script: winning logic
- 3x3 grid, 2 player game where players can choose to mark or overwrite(replace an 'O' or 'X') any box in the grid

Automated Course Enrollment — July 2018
- Python script that utilizes the Selenium2 Web Driver
  - This program automates the enrollment into a course using the Youku 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"

EDUCATION

Computer Science
York University | 2015-2020

RELATED COURSES

Algorithms & Data Structures
Database Systems
Mobile Applications
Software Design

SOFT SKILLS

Communication
Adaptive
Patience
Team Player

SKILLS

LANGUAGES:
HTML, CSS, JS, Python, C, Java, Bash, RISC-V, Verilog(IEEE 1364)
TOOLS:
Github, PostGreSQL, JDBC, npm, Intelli J, Py Charm, Webstorm, Android Studio, Arduino, Raspberry Pi, IFTTT
Digital Design - Adobe PS