VIJAY PATEL

✉ patelv60@mcmaster.ca
📱 (416) 854-6867
🌐 vjpatel.ca
in linkedin.com/in/vijaypat
⌂ github.com/VJ-P
📍 Toronto, ON

EDUCATION

Bachelor of Computer Engineering and Management (Co-op)

McMaster University   2021
Hamilton, ON

Relevant Courses:
- Computational Thinking
- Principles of Programming
- Data Structures and Algorithms
- Software Development
- Logic Design

SKILLS

Frontend:
- HTML / CSS
- Bootstrap 4

Backend
- C
- Java
- Python

Databases:
- MSSQL Server
- MySQL

Data Analysis:
- Excel
- Tableau
- Minitab
- Matlab

Design:
- Illustrator
- Inventor

Hardware
- Arduino
- Raspberry Pi

EMPLOYMENT

TD Bank - IT Analyst Intern
Toronto, ON   May - Aug 2019
- Successfully ensured weekly IT changes were operationally ready by reviewing select changes with Change Owners
- Designed processes to manage over 20 000 toxic combinations and ensure segregation of duties for internal applications using SQL and Excel
- Reduced compliance and risk issues by developing robust Python scripts to integrate continuous monitoring into the pipeline
- Efficiently utilized REST APIs to perform jobs on clients/servers

PROJECTS

NBA Award Predictor
Personal Project   *Feb 2019*
- Scraped advanced statistics for each NBA player from an online basketball statistics website using Python and the BeautifulSoup package
- Filtered out non-rotational/injured players and stored the data into a MySQL database
- Visualized player statistics using Tableau to identify trends and predict end of season award winners

EasyDocs
DeltaHacks 5   *Jan 2019*
- Collaborated in a team of 4 to develop a Python web application using the Django framework to help automate paperwork in medical facilities by creating Word documents with summarized patient information
- Designed and implemented a database to store patient information using SQLite
- Developed a Python script to extract information from the database and used the python-docx library to format and output the Word document

ORGANIZATIONS

McMaster Hyperloop Team
Financial Associate   *Mar 2019 - Present*
- Currently overseeing all financial and accounting responsibilities for the McMaster Hyperloop Team

DeltaHacks Executive Team
Team Member- Attendee Relations   *July 2019 - Present*
- Currently helping in organizing Delta Hacks VI as a member of the attendee relations team

McMaster IEEE Student Branch
Team Member - Computer Chapter   *Sept 2018 - Apr 2019*
- Aided in planning, setting up, and running an Intro to Raspberry Pi workshop for over 40 students
- Designed and taught a lesson plan with mini projects for utilizing Pulse Width Modulation, a Distance Sensor Module, and Python code