

# HITENKUMAR PATEL

LinkedIn | 647-207-8688 | hp19mx@brocku.ca | Stack Overflow | GitHub | Portfolio

## EDUCATION

**BROCK UNIVERSITY** • *Honors Bachelor of Science in Physics (co-op)*

Jan 2020 - Apr 2024

- **Cumulative GPA:** 3.9
- **Awards:** 1st and 2nd year Dean's Honor List, Top 15% Golden Honor Society, MLH Hackathons, Coding Competition (1st)

**UDEMY** • *100 Days of Python, Data Structure and Algorithm*

July 2021 - Aug 2021

- **Topics covered:** Data Structures & Algorithms, OOP, Web Applications, Program Design, Big Data Analytics

## PROFESSIONAL EXPERIENCE

**Lead Developer**

June 2022 - Present

*MbrllaHacks (Hackathon)*

Waterloo, ON

- Led team of five developers to enable safer and faster feature deliveries for the entire team and integrating hermetic **UI tests** into our **CI/CD pipeline (Cypress, CircleCI, YAML)**
- Presented my technical proposal and updates to the Lead Organizer & Marketing team and received **positive feedback**
- Implemented/debugged numerous UI features and components; learned about monorepos, trunk-based development and feature flagging best practices (**Angular, ReactJS, TypeScript, GitHub API**)

**Information Security Analyst**

May 2022 - Sept 2022

*Sun Life Financial*

North York, ON

- Used **SIEM (QRadar, Splunk)** to perform investigations on 600+ offenses; reported False Positives for tuning and thus reduced number of daily offense intake by 10%
- **CrowdStrike:** Deployed, configured and updated **CrowdStrike Agents** for Windows, **Linux** and Mac servers and workstations; performed investigations on hosts detected for suspicious software and files, requested removal of malicious files/software and whitelisted file hashes generating False Positives
- Conducted scans on **Mcafee Vulnerability Manager** to obtain a complete list of vulnerable assets in **information backend infrastructure** and created a **zero day report** to be presented to management

**Innovation Web Developer**

Jan 2022 - Apr 2022

*Sun Life Financial*

Toronto, ON

- Developed applications using **React** while managing the State through **Redux** and **Redux-Forms** saving almost 5 hours of user's time
- Designed an integrated **database** using **MongoDB** that leveraged **React architecture** to yield on-demand, detailed feedback
- Created a **Jenkins** job to clean up orphaned **docker containers** on test, **staging** and production which led to build failures occurring less than 5% of time

## PERSONAL PROJECTS

**BREAST CANCER PREDICTION WITH SVM** - [CODE](#)

July 2022

- Constructed machine learning model to predict the diagnosis of a breast tumor by the **SVM Classification model** using **scikit-learn, Pandas, NumPy, Matplotlib** and evaluated the model using confusion matrix the **receiver operating curves (ROC)** with 96% accuracy

**CAR CLASSIFICATION WITH KNN** - [CODE](#)

June 2022

- Used **K Nearest Neighbours**, a clustering classification, **Pandas, Sklearn, NumPy, Matplotlib** to construct a machine learning model that classifies cars with 94% accuracy.

**MBRLLAHACKS WEBSITE** - [DEMO](#), [CODE](#)

July 2021

- Implemented and improvised concept/layout of the overall website in **React, CSS, Bootstrap** and implemented responsive pages then deployed on **Vercel** which attracted 50% more developers and volunteers

**MOVIES RANKING WEBSITE** - [DEMO](#), [CODE](#)

Sept 2021

- Developed using **Flask** as **Backend** and **React** as **Frontend**, it's a website that allows users to rank movies according to their ratings and generate movie cards based on their input

**CAFÉ API** - [DEMO](#), [CODE](#)

Aug 2021

- Implemented with **Python** using **Flask** and **SQLAlchemy** and documented with **POSTMAN**, this **API** provides users with different information regarding nearby cafes based on users' calls

## SKILLS

**Technical:** Git, ReactJS, Redux/Flux, Bootstrap, Scikit-learn, JavaScript/TypeScript, Python, C++, PHP, SQL

**Transferable:** Problem-solving, Teamwork, Desire to learn, Time-management