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| Rishabh Patel  Pickering, ON, Canada | rishabh.patel@ontariotechu.net  github.com/RPatel97 | linkedin.com/in/rish-patel | |
| Skills | * Strong leadership, and organizational skills * Detail oriented, able to multi-task and work in a fast-paced environment * Working on projects improved my ability as an individual and as a team cooperator to achieve goals * Experienced in coding, analyzing and debugging code as well as optimizing run-time complexity * Utilized UML diagram to visualize software programs as a part of the Software Development Life Cycle (SLDC) * Proficient knowledge of software development models such as Iterative Waterfall, Agile, Spiral, and Prototype Model * Knowledgeable in data analytic techniques such as regression, classification, and clustering * Conducted software testing using system, unit, regression, and functionality testing |
| Education | Bachelor of Science (Hons), Computer Science Sept. 2015 – June 2019 University of Ontario Institute of Technology, Oshawa, ON   * **Coursework:**  Web and Mobile Application Development, Analysis of Design and Algorithms, Software Development and Integration, Database Systems and Concepts, Big Data Analytics, Computer Vision, and Software Quality Assurance |
| Projects | **License Plate Recognition** | *Computer Vision* | Python, OpenCV, PyTorch, Machine learning **April 2019** *Able to recognize license plates from a frame automatically and display the characters.*   * Gathered images and cataloged them for training and recognition of characters by using a pre-trained machine learning model * Utilized grayscale, inverting, bilateral filtering, histogram equalizing and adaptive thresholding to pre-process images for filtering * Structured the system to look for characters through the use of contours and bounding boxes to conduct Optical Character Recognition (OCR) using Convolution Recurrent Neural Network(CRNN)   **Flip-Flop** | *Mobile Application Development* | Java, Android, Firebase, SQLite DB **December 2018** Anonymous discussion board, allows registration, posting, commenting and voting on threads.   * Designed and the implemented of the application using Android Studio IDE as a part of the team * Implemented user login, logout, and registration for allowing users to post and communicate * Utilized *Firebase* to host real-time data, and *SQLite* to host personal data * Geo-encoded user posts for location display   **My-NHL-Team** | *Web Application Development* | Javascript, jQuery, HTML, CSS, PUG, JSON **April 2018** Application allows users to keep track of favorite NHL team and the team’s standings, player stats, and more.   * Utilized a NHL API to get data of NHL teams in 2018 * Integrated session tracking and user login, logout and registration for NHL team selection * Increased user interactivity through the use of D3.js, DOM element and jQuery to display tables and scatter plots of teams * Designed a MongoDB database to store and retrieve the parsed data from the NHL API |

**Programming Languages**

**Working Knowledge:** Java  Python  C++ SQL  HTML5 / CSS3  JSON / XML  Javascript / Node.js / D3.js  Makefile / Batchfile

**Basic Knowledge:** C / C#  Matlab  Scala  Clojure

**Technologies / Tools**

Linux  Visual Studios  Android Studios  Git / Github  Firebase  MongoDB  MySQL  PostgreSQL  SQLite  Visio