Justin Patel

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# EXPERIENCE

## Data scientist | vegneta (India) | Aug 2020 - Feb 2021

* Start-up level company dealing with Indian traffic signs image dataset, but such dataset was not readily available online
* Conquer the challenge of underfitting due to less amount of dataset by using data augmentation
* Trained a machine learning model to detect traffic signs in a video frame

## Student Marker | Department of computer science at trent university (canada) | Jan 2022 – May 2022

* Evaluating and calculating grades and giving feedback on students’ work

## freelancing

* Developed an elegant website using ReactJS, flask and SQL
* Developed a unique static website for IT consultancy

# OTHER WORK EXPERIENCE

## Manager (part-time) | nofrills | sept 2021 - present

* Opening and closing the store, journaling and reporting to the owner
* Handling employees and maintaining decorum
* Monitoring Financials and cash safe locker

# EDUCATION

## Master of science in Big Data Analytics | May 2021- Aug 2022 | Trent University (On, Canada)

* Relevant Courses: Statistical aspects of modelling, Data Mining, Data Visualization, Introduction to Databases, Big Data, Introduction to Data Analytics with R
* Research Project:
  + Comparative analysis of cloud services provider using sentiment analysis
    - Scrapped review data online
    - Cleaned the data and applied data preprocessing techniques such as Lemmatization, Word Contractions, Case folding, Sentence segmentation, Tokenization
    - performed aspect-based sentiment analysis and TF-IDF
  + Stock Market Analysis
    - Utilized Shiny package of RStudio to build a webapp
    - Fetching near-real-time data of all the listed stocks in NYSE and plot in different charts
    - Included technical analysis, comparison of stocks using radar chart
* Cumulative GPA: 88.14

## Computer science | june 2019 – aug 2019 | Laurentian university (On, Canada)

* Relevant Courses: Mobile Computing and Wireless Communication, Web Data Management
* Project:
  + MyCircle Android Mobile Application
    - Managed live location data in firebase
    - Integrated interactive google maps activity
    - 4.8/5 rating and 10k downloads on google play store

## Bachelor of engineeting in computer | 2016 – 2020 | G. H. Patel college of engineering and technology (gujarat, India)

* Relevant Courses: Computer Programming, Data Structure, C++, Operating System, Computer Networks, Analysis and Design of Algorithms, JAVA, Artificial Intelligence
* Research Project:
  + Re-vision (Spectacles for the visually challenged)
    - Implemented speech-to-text, text-to-speech, object detection, currency recognition, text detection using machine learning techniques
    - Received fund from government of Gujarat (India) under SSIP (Student Start-up and Innovation Policy)
    - Publication link: <https://www.ijitee.org/wp-content/uploads/papers/v9i7s/G10090597S20.pdf>
* Cumulative GPA: 8.49/10

# RELEVANT SKILLS, TOOLS AND LANGUAGES

## Python, R, sql, html, javascript, tensorflow

## Apache spark, hadoop

## rstudio, google colab, jupyter notebook, pyspark

## Data analysis, data visualization, data mining

## machine learning, pandas, numpy

## regression, clustering, classification, NLP, neural network

# ACHIEVEMENTS

## 3rd position | t-hacks v3.0 hackathon by ieee | sep 2020

## Top 10 | hackgujarat hackathon | sep 2020

## 2nd position | V R coders tech event | apr 2019

## 1st position | computer cocktails tech event | Oct 2016

## Being a coordinator of android committee of my college’s national level tech-fest

## granted a TFWS (tuition fee waiver scheme) for 4 years of b.e. degree