

Parin Patel

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OBJECTIVE

Passionate Data Scientist in the making, currently advancing my knowledge through a Master's program in Data Science at the prestigious University of New Haven. Eager to apply my robust technical and analytical expertise to tackle intricate challenges and contribute innovative solutions in the dynamic realm of data science.

SKILLS

Programming: Proficient in Python for data engineering and machine learning, with experience in SQL for data manipulation. Also skilled in C, C++, and Embedded C for low-level system development.

Data Visualization: Proficient in using MATLAB for data visualization and analysis.

Machine Learning: Experienced in implementing machine learning algorithms, including Linear Regression and Logistic Regression, for data analysis and predictive modeling.

Data Analysis: Proficient in data processing and analysis using packages such as NumPy, Pandas, Matplotlib, SciPy, and Scikit-learn.

Development Environments: Experienced in working with Jupyter Notebook and PyCharm for data engineering and machine learning projects.

Hardware Development: Familiar with Proteus, Arduino IDE, and Atmel Studio for hardware-related projects.

Collaboration: Skilled in using collaborative tools like Google Colaboratory for team-based machine learning projects.

Microsoft Office: Proficient in using Microsoft Office for documentation and reporting in data engineering and machine learning projects.

EXPERIENCE

Summer Intern | C S Patel Institute of Technology, CHARUSAT

May 2020 – July 2020

- **Work Profile: Learn Python programming and develop GUI applications** :During my Summer Internship at C S Patel Institute of Technology, CHARUSAT, in May 2020 through July 2020, I had the valuable opportunity to delve into Python programming. My responsibilities included mastering Python and applying my newfound knowledge to develop graphical user interface (GUI) applications, enhancing my skills and contributing to practical projects.

EDUCATION

Master of Science, Data Science

Aug 2023 – To Date

University of New Haven

Electronics and Communication Engineering

June 2018 – March 2022

Charotar University of Science and Technology

CGPA: 9.19 / 10.00

PROJECTS (Github Repo : [Parinv014](https://github.com/Parinv014))

GitHub Repository : <https://github.com/Parinv014>

- **Fake News Prediction using Machine Learning.**
The "Fake News Prediction using Machine Learning" project utilizes machine learning and natural language processing to create a model that can differentiate real news from fake news. This tool promotes media literacy and helps combat misinformation by assessing the credibility of news articles automatically.
- **Customer Segmentation Using Machine Learning.**
The "Customer Segmentation Using Machine Learning" project involves employing machine learning techniques to categorize customers into distinct segments based on their behavior, preferences, and demographics. This enables businesses to tailor their marketing strategies and offerings for better customer satisfaction and targeted engagement, ultimately improving business performance.
- **Linear Programming Problem Solver using graphical and simplex method.**
The "Linear Programming Problem Solver using Graphical and Simplex Method" project provides a computational tool for solving linear programming problems. It utilizes graphical and simplex methods to optimize objective functions subject to linear constraints. This project aids decision-making in resource allocation, logistics, and various optimization scenarios by finding optimal solutions efficiently.
- **Movie Recommendation system using Machine Learning.**
The "Movie Recommendation System using Machine Learning" project employs machine learning algorithms to provide personalized movie recommendations to users. By analyzing user preferences and historical data, this system suggests movies that align with an individual's taste, enhancing their viewing experience and helping content providers increase user engagement and satisfaction.
- **Product Data Management using SQLite and PyCharm.**
The "Product Data Management using SQLite and PyCharm" project involves creating a data management system for product information using SQLite as the database and PyCharm as the development environment. This system helps businesses efficiently organize, store, and retrieve product data, facilitating inventory management, pricing, and product analysis.

CERTIFICATIONS (Certifications [Here](#))

Certifications : <https://drive.google.com/drive/folders/10xInt1Fqi6NzfQZAKx-WJGUfM9MGtZdT>

Course Title	Platform
What is Data Science?	IBM (Coursera)
Introduction to Data Engineering	IBM (Coursera)
Machine Learning for All	Coursera
Data Science Math Skills	Coursera
Mathematics for Machine Learning: Linear Algebra	Coursera
The Data Scientist's Toolbox	Coursera
Foundations: Data, Data, Everywhere	Google
C for Everyone: Programming Fundamentals	Coursera
MATLAB Onramp	MathWorks
Communication and Interpersonal Skills at Work	FutureLearn
Presenting Your Work with Impact	FutureLearn
Level Up: Python Data Acquisitions, Prep, and EDA	LinkedIn
Data Ingestion with Python	LinkedIn
Data Cleaning in Python Essential Training (2021)	LinkedIn
DevOps for Data Scientists	LinkedIn
Python Essential Training	LinkedIn
Learning Python (2020)	LinkedIn
Python for Data Visualization	LinkedIn
SQL Essential Training (2019)	LinkedIn