Kirtankumar Parekh

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LinkedIn Profile – https://www.linkedin.com/in/kirtan-s-parekh/
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Kaggle Prolife - https://www.kaggle.com/blackdragonk333

EDUCATION

B.E. in Computer Engineering (CGPA: 8.89 / 10.0)

CVM University: June 2020 - June 2024

Relevant Coursework: Python for Data Science, Data Structures & Algorithms, Database Management Systems, Machine Learning, Calculus, Statistics and Probability.

M.S. in Data Science (GPA: 4.0)

DePaul University: Aug 2024 - June 2026 (Expected)

Relevant Coursework: Python Programming, Data Analysis and Regression, Data Science Fundamentals, Databases for Analytics,

SKILLS

Programming Language: Python, Java, C/C++

Python Libraries: NumPy, Pandas, Scikit-learn, Matplotlib

Database: MySQL

Mathematics: Linear Algebra, Statistics and Probability

Web Dev: HTML, CSS, JS and Flask

Data Science and ML Fundamentals

Data Structures and Algorithms

Team Work and Communication

Quick Learner

Problem Solving

LANGUAGES

- English
- Hindi
- Gujarati

PROFILE

Motivated Data Science graduate student at DePaul University with a background in Computer Engineering. Seeking a Data Science or Python development internship to leverage analytical skills and contribute to impactful projects. Possesses strong organizational skills, attention to detail, and proven ability to work effectively both independently and as part of a team.

EXPERIENCE

Venom Technologies   Jan 2024 - Apr 2024
Python Developer intern

Successfully completed a 16-week internship at Venom Technologies in last semester.
- Worked on Grocery Store Management System, a light-weight web app for small-scaled grocery store owner to perform data operations of the store like CRUD operations in products, customer orders, categories. Used Flask and Python in backend with MySQL database and Bootstrap in frontend.

EDUNET Foundation in collaboration with AICTE   Jun 2023 - Jul 2023
Artificial Intelligence intern

Successfully completed a 6-week internship through IBM's SkillsBuild Platform.
- Learned the basics of AI and ML, including algorithms like Linear Regression and Logistic Regression. Worked on the "Mental Fitness Tracker" project, training Regression models on mental health data from over 150 countries (1990-2020), DALY as the Target variable. Linear Regression performed best with R2 score of 0.76 mean after Cross Validation.

SAP Code Unnati Training Program   Aug 2022 - Jan 2023
Internship Trainee

Successfully completed a 12-week training program by Code Unnati, an SAP CSR initiative implemented by EDUNET Foundation.
- Learned about emerging technologies like Internet of Things, Machine Learning and Deep Learning, Business Technology Platforms, Python programming, and Soft Skills.

PROJECTS

Indian Cricket player Classifier
- Collected player images from the internet, preprocessed it.
- Trained classification models, SVM achieved 77.8% accuracy score.
- Developed a user-friendly UI using Flask.

Emotion Detection System
- Created a real-time emotion detection system using a pretrained model in python.
- Can classify up to 7 emotions from live camera feeds.

Predicting Insurance Premiums 4.12 (Kaggle Competition):
- Applied data preprocessing and EDA on given dataset.
- Trained multiple Regressors using Scikit-Learn library, in Pipelines.
- Linear Regression with Log transformation on Target variable gave the best result of 1.087 Root Mean Squared Log Error (RMSLE).