PRAMEY MODI

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EDUCATION

- **Indiana University, Bloomington**   **GPA: 3**
  Master of Science in Data Science   Expected May 2023

- **Charusat University (Depstar), Gujarat**   **GPA: 3.72**
  Bachelor of Technology in Computer Engineering   Jul 2017 – Jun 2021

WORK EXPERIENCE

Infinity Infoway   Rajkot, IN
Data Science Intern   Jan 2021 – Jun 2021

- Aggregated unstructured data, applied Machine Learning algorithms for online fraud detection of the travel portal. Designed a system that can find the potential target audiences for discount coupons.

Silver Buzz   Ahmedabad, IN
Data Analyst Intern   Apr 2020 – May 2020

- Analyzed data from 1500 supervised audio inputs to train the algorithms and compare the accuracy; studied various methods and algorithms from various research papers to achieve a high accuracy of 66.1% for audio inputs using the SVM Model.
- Published review paper on Emotion Detection and Prediction in (International Journal of Grid and Distributed Computing Paper Id: IJGDC_1441) during the internship.

Kanvas Communication   Rajkot, IN
Summer Intern   May 2019 – Jun 2019

- Designed a website: Food Advisor, which will recommend the restaurants and street food as per the user's location. The website takes the review of places users went and stores the information.
- Used HTML, CSS, and PHP for front-end and back-end development.

PROJECTS

Danger Prediction and Assistance System   Dec 2019 – Feb 2020

- Created a system using probabilistic algorithms (Bayes Net, HMM, etc.) to predict threats using past data and geolocation.
- Published a research paper in the International Journal of Creative Research Thoughts (Paper Id: IJCRT2007223).

Text Detection- Hidden Markov Model, Bayes Net   Nov 2021 – Nov 2021

- Learned and implemented algorithms like Naive base, Baye Net, HMM to compute the probability of text image of being a particular text
- Converted the black and white images in the form of Stars "*" and Space " " respectively. used the clear images of each character as and training data and distorted images as a testing input. Achieved more accurate output through HMM algorithm.

Cheekers Game- Mini Max Model with Alpha Beta Pruning   Oct 2021 –Oct 2021

- Created a Game using the Min-Max algorithm with alpha-beta pruning to decide the best move for a player at any state.
- Used an algorithm that recommends the best move based on the moves of opposing players.

Truth/False Review Classifier- Naive Bayes   Sept 2021 – Sept 2021

- Aggregated several data from various sources and used Naïve base algorithm training data (where the correct label is given), and then uses these parameters to estimate and classify the reviews in the testing data.
- This system can prevent the fake reviews that are used to either defame the good hotels or promote the bad hotels.

SKILLS

Technical Skills: Advanced in SQL, PHP; Proficient in Excel, Python, Orange; C++, R, Java, Apache Spark, Tableau
Analytical Skills: Regression, Clustering, Feature Selection, Decision Tree, Support Vector Machine, Bayes Net, NLP
Certifications & Training: online course Machine learning (Sandford, Coursera, Duration: 3 months), Machine Learning Engineering (Foxmula, Duration: 2 months)
Languages: Fluent in English, Hindi, Gujrati
Volunteering: Computer Society of India, Outdoor Education Club