Keshav Likhar

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EDUCATION

Indiana University- *Bloomington, Indiana*   May 2023
Master of Science in **Data Science**   **GPA: 3.9/4.0**
Relevant Coursework: Introduction to Statistics, Applied Machine Learning, Exploratory Data Analysis, Applied Database Technologies, Network Science, Applied Algorithms.

Shri Vaishnav Vidyapeeth Vishwavidyalaya- *Indore***,** *India*   Oct 2020
Bachelor of Technology in **Computer Science Engineering**

WORK EXPERIENCE

Rajasthan Transformer and Power- Business Analyst Intern, INDORE, INDIA   Jan 2020 - May 2020
- Synthesized the required data to create reports on analysis on the demand for transformers in India.
- Developed a report and action plan to mitigate the risk of transformer failures.
- Built a predictive model to forecast the lifetime of distribution transformers with an accuracy of 88%.

Webtek Labs Pvt. Ltd.- Machine learning Trainee, INDORE, INDIA   July 2019 - July 2019
- Problem solving in python, data manipulation, exploration and feature engineering using NumPy, pandas and other libraries.
- Implementation of various machine learning algorithms on discrete types of data sets.
- Implemented classification model using Convolutional Neural Network(CNN) with an accuracy of 91.4% on the dataset containing 25,000 Images of Animals.

hacSocIndore - Team Member   July 2019 - Feb 2020
- Volunteered for 1 year and organized multiple workshops, tech meetups, hackathons and other events.
- Collaborated and established the organization's website, including code optimization and designing of the webpages.

PROJECTS

Phishing Email Classification: Jan 2022- Feb 2022
- Participated in Crossroads Analytics Competition, Developing a text classification model to filter out Phishing Emails.
- Performed extraction, pre-processing and exploratory analysis to clean and convert the Emails corpus into vector form.
- Implemented XGBoost Model obtaining the score of 70 on Kaggle Competiton securing 3rd position in the University.

Home Credit Default Risk: Sept 2021- Dec 2021
- Worked on multiple datasets with 20+ million data points and 200+ features, performed extensive feature engineering and exploratory data analysis to prepare data for modeling.
- Designed and built a machine learning pipeline for data transformation and model implementation of Logistic Regression and Random Forest Classifier algorithms obtaining 91.09% accuracy.

ML.js - Simple and Efficient tools for Machine Learning in JavaScript: Oct 2019 - Dec 2019
- Created a JS library providing access to machine learning algorithms in the browser.
- Obtained accuracy of 92.41 % with Softmax Regression model tested on 10,000 Images of Handwritten Digits.
- Integrated KNN on the browser game Planko, predicting the ball's fall in the specific bucket with an accuracy of 80%.
- Implemented Logistic Regression with an accuracy of 84% to predict the fuel consumption in miles per gallon.

JustPark - Online Smart Parking System: Jan 2019 - Apr 2019
- Developed a Web Application for users to reserve their parking spot online, which decreases the congestion on the real-world parking system of vehicles.
- Utilized PHP as a Scripting language and MySQL to store and retrieve the data of users and parking space.

SKILLS

Programming languages*:* Python, R, PHP, JavaScript
Data Science: Python[Numpy, Pandas, Sklearn, Keras, NLTK, Spacy, etc]
Database, Version Control and Other Tools: MySQL, MongoDB, Tableau, Excel, Docker, Git

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CERTIFICATIONS
- Google Data Analytics Professional Certificate
- SQL for Data Analysis by the University of California, Davis.