ARPIT GAMBHIR

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WORK EXPERIENCE

HADE Technologies LLC, Orlando, FL – MACHINE LEARNING INTERN
June 2017 - Present

- Designing and developing machine learning models.
- Performing visualization of all the given data.
- Presenting and interpreting the output of predictive models.

GLOBALLOGIC TECHNOLOGIES, Gurugram, India - ASSOCIATE ANALYST
November 2015 - July 2016

- Manipulating, cleansing and processing data.
- Data entry, data auditing, creating data reports and monitoring all data for accuracy.
- Data analysis, management and finally populating the target data sets.
- Analyzing raw data, drawing conclusions and developing recommendations.

EDUCATION

UNIVERSITY OF CENTRAL FLORIDA, Orlando, FL
August 2016 – May 2018

- Master of Science in Computer Engineering – GPA 3.7/4
- Relevant Courses – Data Analytics for Power Systems, Natural Language Processing, and Computer Vision
- MOOC – Machine Learning (Coursera), Machine Learning A-Z (Udemy), Data Science A-Z (Udemy), Deep Learning Specialization (Coursera), Deep Learning A-Z (Udemy)

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, New Delhi, India
August 2011 – May 2015

- Bachelor of Technology in Instrumentation & Control Engineering

PROJECTS

HOUSE PRICE PREDICTION

- Implemented a machine learning model to predict the price of houses; used the dataset from Kaggle; used Gradient Boosting Regressor to train and test the dataset, which consists the features of around 3000 houses; achieved RMSE Score of 0.09 for the test set.
- Technology Used – **Python**

CREDIT CARD FRAUD DETECTION

- Implemented a system to identify credit card frauds using credit card dataset; used random forest and support vector machines to train and test the system to identify the frauds in the dataset, which consists of over 280,000 transaction details; achieved an accuracy of 97% for the under sampled data.
- Technology Used – **Python**

FORWARD COLLISION WARNING USING MACHINE LEARNING

- Implemented a system to generate alerts for cars within warning range; used Scikit-learn library to implement the system; performed 15% better than traditional CAMP Linear algorithm.
- Technology Used – **Python, MATLAB**

SKILLS

Languages – Python, MATLAB, C++, HTML, PHP
Libraries – Scikit-learn, Keras, Tensorflow, PyTorch, NumPy, Pandas, Seaborn, Matplotlib, Plotly
BI Tools – Tableau, MySQL, SQL, ETL