**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