

PRANAV PATEL
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Education

NEW YORK UNIVERSITY, Tandon School of Engineering , Brooklyn, NY Master of Science, Electrical and Computer Engineering	Aug. 2017 – May 2019
L.J. Institute of Engineering and Technology , Gujarat, India Bachelor of Engineering, Instrumentation and Control Engineering	Sept. 2013 – June 2017

Technical Skills

Coding Languages:	Python, MATLAB, C++, C
Databases:	SQL Server
Frameworks:	PyTorch, Scikit-learn, TensorFlow, AmazonWeb Services (AWS), Hadoop ecosystem (HDFS, Spark, Sqoop, Flume, Hive, MapReduce)
Other Tools:	Tableau

Experience

Graduate Assistant, NYU IT, The Institute of Fine Arts , New York, NY	August 2018 – May 2019
<ul style="list-style-type: none">Installed and configured MapReduce, HIVE and the HDFS. Working on Importing and exporting data into HDFS and Hive using Sqoop.Handled importing data from different data sources into HDFS using Sqoop and performing transformations using Hive, Map Reduce and then loading data into HDFS.Used Hive to analyze the partitioned and bucketed data and compute various metrics for reporting.Developed Hive scripts in Hive QL to de-normalize and aggregate the data.Created HBase tables and column families to store the user event data.Scheduled and executed workflows in Oozie to run various jobs.	
Data Science Engineer, 7Span Technologies , Ahmedabad, GJ, India	May 2015 – July 2017
<ul style="list-style-type: none">Extracted files from MySQL, Oracle and Teradata through Sqoop and placed in HDFS Cloudera Distribution and processed.Loaded data into the cluster from dynamically generated files using Flume and from relational database management systems using Sqoop.Data transformation from various resources, data organization, features extraction from raw and stored and handled importing data from various data sources, performed transformations using Hive, MapReduce, and loaded data into HDFS and develop structured, efficient and error-free codes for BigData requirements using my knowledge in Hadoop and its Eco-system.Responsible for creating Hive tables, loading the structured data resulted from MapReduce jobs into the tables and writing hive queries to further analyze the logs to identify issues and behavioral patterns.	

Projects

Restaurant Recommender Chat Bot (AWS, Python)	Jan. 2019 – May 2019
<ul style="list-style-type: none">Built a Chat- Bot to provide recommendations to the users by fetching data from Yelp API by Integrating AWS Lex to interact with the user and store the preferences of the user and developed code on AWS Lambda console to call the Yelp API. Used AWS SQS to store multiple requests and AWS Cloud Watch to execute the lambda functions as well as Integrated AWS SNS to send recommendations to the user via email.	