Parth Bhatt

Cell:(848)-219-2155

105 VILLAGE DRIVE
AVENEL NJ 07001

Email:parthbhatt031795@gmail.com
GitHub:https://github.com/prb1703

Education

Arizona State University, Tempe, AZ
Masters of Computer Science -
Concentration:**Big Data Systems** Expected Graduation: December 2023

Rutgers University, New Brunswick, NJ
Bachelors of Science -
Major:**Electrical Engineering**; Dean's List (Fall 2016 and Fall 2017) Graduated: December 2018
Minor:**Computer Science**
Minor:**Mathematics**.

Relevant Coursework

Computer Science: Statistical Machine Learning, Data Mining, Data Visualization, Mobile Computing, Principle of Programming Language, Operating System and System Programming, Introduction to Computer Science, Data Structures, Database Management Systems,and Software Methodology.

Mathematics: Introduction to Linear Algebra, Discrete Mathematics, Linear Optimization, and Introduction to Mathematical Reasoning.

Electrical Engineering: Circuit Analysis, Electronic Devices, Probability and Random Processes, Linear Systems and Signals, Digital Electronics, Digital Signal Processing, Digital Signal Processing Design,and Embedded Systems.

Skills

Programming Languages: Python, SQL, MongoDB Query Language, Java, MATLAB, R,and HTML.
Operating Systems: macOS, Linux,and Windows.
Software: Apache Spark, BigQuery, Tableau, Eclipse, Android Studio, Sublime,and LaTeX.
Machine Learning: Logistic Regression, CNN, Naïve Bayes, Clustering,and KNN.
Libraries: Pandas, Numpy, Scipy, Matplotlib, Scikit-learn, Tensorflow, Keras, Flask,and ggplot2.
Interpersonal Skills: Analytical, Problem Solving, Leadership, Team-player, Effective Communication,and Project Management.

Experience

Constellation Energy — Pottstown , PA
- *Design Engineer* February 2019 – Present

- Develop innovative ideas at power plant by being a part of innovation council.
- Using GraphReader to extract the data and clean the data of A200 Thermal Overload Curve to automate the A200 selection tool.

Exelon Generation — Middletown , PA
- *Engineering Intern (Decommissioning Transition Organization)* June 2018 – September 2018

- Detecting Water Intrusion in Sumps using Machine Learning Approach.

Projects

Data Mining

- Extracting time series properties of glucose level in Artificial Pancreas, K-means Clustering Model training, and Cluster Validation.

Data Visualization

- Using data provided by United States Census Bureau to find insights to bolster enrollment at local UVW college and present the insights to the marketing executives to make data driven decisions to achieve the enrollment target.

Data Processing at Scale

- Applying spatial statistics to spatio-temporal NYC Taxi big data in order to identify statistically significant spatial hot spots using Apache Spark, Scala,and Python programming language.

Certification

Google Data Analytics Professional — Coursera Completed: August 2022