Gautam Varma Datla

Harrison, New Jersey, 07029 | +1 (703) 935-9323 | gvd6@njit.edu
https://www.linkedin.com/in/gautam-varma-datla-38580a218/

I am a prospective entry-level Data scientist currently pursuing my master's in data science at NJIT. Committed to delivering data-driven, action-oriented solutions, and highly competent in predictive modeling, analytics, and data processing.

CERTIFICATIONS AND ACCOMPLISHMENTS

AWS Certified Cloud Practitioner (CCP) , Applied data science with python Specialisation (University of Michigan) , Data Science foundations using R Specialisation (John Hopkins University)

CORE COMPETENCIES AND TECHNICAL SKILLS

Big data: Apache Spark (RDD, DataFrame API, Dataset API, MlLib, Spark SQL), Hadoop
Data Analytics and visualization : Power BI, R programming (dplyr, tidyr, ggplot2, plotly), Microsft Excel , Python
Databases : Relational (MySQL , PostgreSQL) , Non-relational (MongoDB)
Predictive Modeling: Machine Learning (scikit learn) , Deep Learning (Tensorflow - Object detection, Image processing, Time Series Forecasting,Autoencoders, Familiarity with GANs and Reinforcement learning , Familiarity with PyTorch)
MLops: Git , Docker , Kubernetes , CI/CD pipeline , Terraform , MLFlow
Cloud Technologies : AWS , Azure

EDUCATION

New Jersey Institute of Technology, Newark, New Jersey **January 2022 - Present**
Master of Science - Data Science (Computational Track) **GPA:3.83/4**
Coursework - Applied Statistics , Data management system Design , Machine Learning , Deep Learning , Data Mining , Introduction to Big data , Cloud Technologies , R programming , Internet and Higher Layer Protocols
Shiv Nadar University, Delhi, India **July 2017 - July 2021**
Bachelor of Technology - Electrical Engineering GPA 7.16/10

ACADEMIC PROJECTS

- **Design and the implementation of HR management application using LAMP stack** | NJIT Spring ‘22
- **Ranking programming languages using Wikipedia articles (Using Scala ,Apache Spark' s unstructured APIs and higher-order functional transformations)** | NJIT Fall’22
- **Associate Rule Mining on MySQL Database (Brute force and apriori approach using Python) |** NJIT Fall’22
- **Big data analytics on the ATUS - U.S Bureau of labor statistics dataset (Apache Spark's structured APIs for relational processing, Spark SQL, and Scala) |** NJIT Fall’22
- **Digit recognizer using TensorFlow (Using Tensorflow input pipelines and custom kernel initializer and loss functions) |** NJIT Fall’22
- **Novozymes Enzyme thermal Stability Prediction using Tensorflow (Using Bidirectional LSTMs, Decaying learning rate, and Model subclassing) |** NJIT Fall’22
- **Telco Customer churn forecasting IBM customer retention dataset (dplyr, tidyr, and caret) |** SNU Spring’21