NISHIT CHAUDHRY

Data Analyst/Data Scientist

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EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK
Master of Science, Management Information Systems (Analytics) (STEM Designated) (GPA 3.79/4.0) Jun. 2022
Courses – Predictive Analytics, Statistics Foundation of Analytics, Data Visualization, Systems Analysis, and Design, Database Management Systems, Distributed Computing, and Big Data

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, BANGALORE
Post Graduate Diploma, Data Science (GPA 3.6/4.0) Jul. 2021
Specialization in Deep Learning

SHIV NADAR UNIVERSITY, GREATER NOIDA
Bachelor of Technology, Electrical and Electronics Engineering (Minor in Management studies) May 2019

EXPERIENCE

Cognizant Technology Solutions Pune, India
Data Scientist (Programmer Analyst) Oct. 2020-May 2021

- Explored and implemented Deep Learning techniques in the field of Natural Language Processing and Computer Vision to apply state-of-the-art techniques in different domains with a 5-member development team
- Collaborated and developed Optical Character Recognition as a service on hand-written and printed text in a tabular format using YOLO, Python Tesseract, and OpenCV with overall word-level accuracy of ~90%
- Performed different iterations of abstractive and extractive text summarization using transformers to achieve ~96% accuracy in comparison with human-level text summarization

Cognizant Technology Solutions Pune, India
Data Scientist (Programmer Analyst Trainee) Jul. 2019-Sep. 2020

- Implemented end-to-end Machine Learning/Deep Learning processes such as Data Preprocessing, Exploratory Data Analysis, Data Visualization, Feature Engineering, Model Building, Evaluation, and Model Deployment
- Presented and developed the latest Rasa conversational chatbot for FAQ use-case and proposed advantages of including Rasa X for conversation-driven development to improve efficiency by ~1.5 times
- Achieved accuracy of ~91% in multi-class ticket query classification using data augmentation and Machine Learning techniques such as Linear SVM, Multinomial Naive Bayes, Logistic Regression, Random Forest, and XGBoost

Cognizant Technology Solutions Pune, India
Analytics-AIA Intern Jan. 2019-Apr. 2019

- Prepared a revenue forecasting case study on a two-years data period using ARIMA time-series model
- Achieved an accuracy of ~94% with a confidence interval of ~95% in predicting revenue for a three-month rolling period

SKILLS

Technical Skills: Descriptive Analytics, Predictive Analytics, Data Visualization, Data Mining, Database Management, Machine Learning (Regression, Naïve-Bayes, Decision Trees, SVM, Bagging and Boosting), Deep Learning (NLP, CV), Hypothesis Testing, Inferential Statistics, Git, Hadoop (HDFS)
Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow), ANSI SQL
Tools: Tableau, SAS, MS Office Suite (Excel, Word, PowerPoint), Jupiter Notebooks, PyCharm, Spyder, VS Code, AWS

CERTIFICATIONS

IBM Enterprise Design Thinking – Team Essentials for AI Jul. 2021
IBM Data Science Professional Certificate – Coursera Jun. 2020
SQL for Data Science – Coursera May 2020
Machine Learning A-Z: Hands-On Python & R In Data Science – Udemy Apr. 2020