VISHAL PANUGANTI

Masters in Data Science

@ vishalp1@umbc.edu   ✉ Baltimore, MD

☎ +1 (443) 851-3486

EXPERIENCE

Software Engineer Intern.

Darwinbox, Madhapur

📅 Sept 2018 – Jan 2019   📍 Hyderabad, TG India

- Designing, creating , and modifying general computer applications software or specialized utility programs by analysing users' needs.
- Querying and manipulating relational data using Structured Query Language (SQL).
- Solved technical problems pertaining to database design and internet-based application development.
- Had the chance to work on JAVA, SQL and other oracle related technologies.

Teaching Assistant, Probability and Statistics

Shreyas institute of technology

📅 Jan 2018 – Aug 2018   📍 Hyderabad, TG, India

- Mentored students with the concepts of statistics and probability.
- Helped students with their doubts, walked them through problems and help find solutions.

PROJECTS

STOCK ANALYSIS AND PREDICTION [ML] | APRIL 2020

- Loaded datafiles into databases using API systems which generated stock purchases from massive datasets available online.
- Fed the data to a recurrent neural network capable of learning long term dependencies.
- Matlab and seaborn libraries were used for data visualization and created graphs showing the selling and buying points.

HEALTH BOT [NLP]

- Healthbot is a virtual medical assistant with whom users can chat with and explain their symptoms.
- Through a series of questions about symptoms it diagnosis the health condition of patient, Healthbot will analyze the symptoms and predict the ailments.
- Used decision tree model using sci-kit-learn, pandas, numpy.

DATA ANALYSIS AND EXTRACTING PROJECTS | NOV 2019

I am currently enrolled in master's degree of Data Science program at UMBC. I had abundant opportunities to work on live data sets as my mini projects. I worked on analyzing data sets like World populations and emissions, Baltimore crime data, Happiness Index by country, Global suicide data. I used various visualization techniques like Matplotlib, seaborn to analyze the data, clean the data and predict future data. I used python 3, Oracle SQL to achieve this.

SKILLS

🖥 Programming & Web Technologies

- Python, R
- Java, C, C++
- JavaScript, HTML, and CSS

🔧 Machine Learning Libraries

- Scikit-learn, TensorFlow, Keras.
- Pandas, Numpy, Scipy, Pytorch.

🗄 Databases and Frameworks

- MS Office, AWS
- MongoDB, PostgreSQL and MySQL
- Git, Tableau
- Apache Hadoop, Spark, Hive

EDUCATION

Masters in Data Science

University of Maryland, Baltimore County

📅 Baltimore, United States, 2021

GPA: 3.3/4.0

B.Tech. in Computer Science

Jawaharlal Nehru Technological University

📅 Hyderabad, India, 2019

CGPA: 7.4/10

RELATED COURSE WORK

Machine Learning   Operating Systems   Big Data Tools and Architecture   Data Management   Compiler Design   Probability and Statistics   Data Structures and Algorithms (DAA)   Discrete Mathematics   NLP   Distributed Systems   Deep Learning