Shriya Dikshith
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EDUCATION

NORTHEASTERN UNIVERSITY   **Boston, USA**
MS in Information Systems   **Expected Dec 2023**
- Coursework: Application Engineering and Development, Data Management and Database Design

MANIPAL UNIVERSITY OF TECHNOLOGY   **Manipal, India**
B Tech in Electrical and Electronics Engineering   **June 2020**
- Coursework: Data scientists Toolbox and R Programming, Introduction to Data Science,Advance Data science, Essentials of IT, Soft Computing

SKILLS

Programming languages: Python, SQL, R, Java
Databases: MS SQL, MySQL, Vertica
Libraries and Packages: Keras, Tensorflow, PyTorch, Flask, PPTx, Numpy, SciKit Learn,
Visualization: Tableau, Power BI, Excel
Others: Predictive Modeling, Data Science and Statistics, GIT, NLP

WORK EXPERIENCE

HP INC.   **Bangalore, India**
Data scientist   **Jan 2020 - Jan 2022**
- Performed natural language processing and sentiment analysis on text data from different social media platforms using Python. Worked on a Bert model using PyTorch to predict three levels of topics from customer reviews.
- Built a python pipeline for detecting emerging error codes that may become significant in the future using Telemetry data coming from the different HP printers across the globe and created a dataset for the same. Generated PPTs using PPTx python showing detailed insights about each error code.
- Identified the key drivers of Social Net Promoter Score (sNPS) monthly using a Python script. Implemented a dynamic chart in Tableau dashboard for the users to apply filters and understand the drivers of sNPS based on them. Implemented linear regression to find a correlation between the customer review ratings and the sNPS score.
- Implemented a k means clustering model to identify the promoters, detractors, and passives in different markets.
- Created an automated quality checking tool in Tableau for data checks. Delivered a python script to check data quality issues.
- Weak signals Project - Developed a tableau dashboard that helps deep dive into the rising issues in anticipating future changes in organizational environments which could help the product quality/contact center teams to be prepared prior to the issue. Handled the data required to create it using the Term extraction package - PYATE.
- Executed a python pipeline that handles incremental data loads on a weekly basis.
- Built a weak signals model which filters out noise from data and discovers the weak signals for alerting/notification.and also automating a powerpoint presentation for showing different trends of the data using python.

Awards & Honors
- Paper on Weak Signals project got selected in one of the HP inc. summits
- Won intra-team competition on Device failure prediction where the dataset was created by Team's manager

INTERNSHIPS

CYIENT PVT LTD.   **Noida, India**
Artificial Intelligence Developer   **May 2018 - July 2018**
- Worked on the Fleotan App (Shuttle service for employees).Built a deep feed-forward neural network model that clusters clients going to the same destination using Python.
- Maintained up-to-date knowledge of different ML algorithms and implemented the same on the existing employee data.s

BELARUSIAN STATE UNIVERSITY OF INFORMATICS AND RADIO ELECTRONICS   **Minsk, Belarus**
Technical intern in Cyber Security   **June 2015 - December 2017**
- Worked on a DAMN vulnerable web application whose main goal is to be an aid for security professionals to test their skills and tools in a legal environment. Used the BURP suite to test SQL injection flaws.
- Submitted a report on web vulnerabilities and protection methods.

TOSHIBA JSW POWER SYSTEMS PVT. LTD.   **Gurgaon, India**
Intern   **Dec 2017 - Jan 2017**
- Learnt about Transformers, Transformer sizing & Cable sizing, DC motors, Switch gears
- Reviewed the drawings and documents of the above.