Madhavi Evana

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EDUCATION

The George Washington University, School of Engineering & Applied Sciences- GPA: 3.9/4.0   **Washington, DC**
Master of Science in Computer Science-Data Analytics: **Dec 2022**
CourseWork: Database Management Systems | Bigdata Analytics| Data Science for Engineers| Machine Learning| NLP| Data Mining| Engineering Economy | Design and Analysis of Algorithms | Probability for Computer Science| Introduction to Computer Vision

Jawaharlal Nehru Technological University- Percentage: 80.1/100   **Hyderabad,India**
Bachelor of Technology in Electronics and Communications: **June 2017**

TECHINICAL SKILLS

Programming Languages:	Python, SQL, R, C, Java
Web Technologies:	HTML5, CSS3, JavaScript
Packages:	Numpy, Pandas, Matplotlib, Scikit-learn, GGplot, dplyr, TensorFlow, Keras, NLTK
Databases:	MySQL, Oracle12c, MS-Access, AWS, MongoDB
Big-Data Technologies:	Spark Core, Spark SQL, Hive, MapReduce,PySpark
Operating Systems:	Windows, MacOS, Linux.
Machine Learning Algorithms:	Classifications, Clustering, Linear Regression, Logistic Regression, Decision Tree, K-Nearest Neighbor, Random Forest, K-Means Clustering, PCA.
Tools and Utilities:	MS-Office (Word/Excel/PowerPoint/Visio), MATLAB, Jupyter Notebook, Google Analytics IntelliJ, NetBeans, Visual Studio Code, X-Code, Lucid Chart, Postman, SFDC
Visualization:	Tableau, Power BI, SAS

ACADEMIC PROJECTS:

1. Elon Musk's Twitter data analysis using PYSQL, ARANGODB, PYMONGO
2. Big Data Fake news detection projects using KNN,K-MEANS and Clustering, and Graph Analytics
3. Text Analytics of Novel data using Quanteda, spacy, stringr, and tidy text.

RELEVANT WORK EXPERIENCE

The George Washington University   **Washington DC**
Graduate Teaching Assistant and Grader   **Aug 2021 – Present**
-Assist the undergraduate students with class size of 200 in subjects-Introduction to Algorithms, and Python programming.
-I work as a grader for Python Programming.

The George Washington University   **Washington DC**
Research Assistant   **March 2021 – Aug2021**
As appropriate to the specified position, code and verify data in accordance with specified research protocol and coding procedures and use mined data to detect the authenticity of the news using Web Scraping, and Graph analysis.

Projects:
- Facebook co-ordination using Amazon Sage-maker, Python pandas,
- Information laundering using Python - data extraction, cleaning, analysis and presentation, Pandas, Sklearn, Selenium, Beautiful soup, NLP, and Text mining.

Deloitte   **Hyderabad,Telangana**
Analyst-RPA Developer   **June 2017 - September 2019**
- Designed and developed solutions to the meticulous tasks on data update, upload and modify tasks using RPA-Automation Anywhere software, Machine Learning, and Tableau.
- Developed solutions to 17 RPA-Salesforce projects with success rate of 98%
- Devised robust test solutions for bulk BOT data productions which reduced manual work by 93%, improving efficiency to 98%.
- Managed a set of 80 virtual machines environments on which the BOTs are deployed.
- Administered and improved the Automation Anywhere (AA) control room to 98% in performance, by managing the licenses, analyzing the BOTs progress, and troubleshooting any AA related issues.

ACHIEVEMENTS

- Recognized for my contribution in Background and Resume check RPA project.
- Awarded Spot and Applause awards for multiple projects at Deloitte (US-India).
- Organized and participated in multiple technical and extra-curricular events at Deloitte Analytics summits.
- Recognized for hiring, and successful training of 3 interns, who are re-hired as Full-time employees.

CERTIFICATIONS

- AWS Cloud Practitioner -AWS, Aurora MySQL, AWS EC2, AWS KINESIS Streams, Data Analytics Fundamentals-AWS.
- Data Curation for SAS Data Scientists-SAS ,   --Data Science-IBM, Databases and SQL- IBM
- Machine Learning-Stanford University