ABY CYRIAC

806 Bering Drive, 1313D, TX - 76013 (willing to relocate) | +1 (682) 241-3129 | [Email] | [GitHub] | [LinkedIn] | [Portfolio]

PROFILE

Experienced data analyst and graduate student with strong leadership, communication, and interpersonal skills. I am actively seeking an opportunity to demonstrate my data science skills in a growing company looking to effectively utilize their data to provide statistical information more adeptly to their clientele. Proficient in Statistics, Python, Tableau, SQL, and PowerBI. Open, flexible, and enthusiastic to adapt to new technologies. Best suited for a challenging position demanding technical expertise and management skills. **US Permanent Resident (Green Card)**.

TECHNOLOGIES

- Tableau
- Alteryx
- Django
- Microsoft PowerBI
- Machine Learning
- Snowflake
- Python/Jupyter
- Deep learning
- AWS
- SQL
- TensorFlow
- Java

EXPERIENCE

Control Diagnostics Algorithm Engineer, Co-op   February 2021 - Present
Trane Technologies, Tyler, TX
- Created machine learning models to predict temperature for HVAC units using Python and Alteryx.
- Analyzed big data over a live connection to Vertica database and made dashboards using Tableau and SQL.
- Made supervised neural network model to predict the air quality in the HVAC units.
- Actively participated in the scrum meeting and used Jira for project tracking.

Data Analyst, Consultant   August 2020 - Present
Data Analyst Intern, Team Lead   May 2020 - August 2020
Labeaud Labs, Dallas, TX
- I am leading the team to implement Tableau dashboards and reports for Winsam's boiler plants.
- Extracted large datasets from the client's database using SQL Queries and created Tableau dashboards.
- Created dashboards that can be used easily to monitor the daily status and natural gas usage by Winsam in multiple locations across Texas using Python, SQL, and Tableau.
- Bridged the gap between the technical experts and the executive board members by presenting the intelligence derived from real-life data to the company through PowerPoint slides.

EDUCATION

Master's Degree, Computer Science   June 2019 - December 2021 (expected)
University of Texas, Arlington, TX
GPA: 3.7
Projects: Deployed Web Apps and Data Analysis Dashboards on Amazon Web Service (AWS), Microsoft Azure, and IBM Cloud, Credit Card Fraud Detection using Supervised Machine Learning in Python, Custom k-Means and KNN Algorithms, Custom Command Shell in C++, File System Memory Management in C++.

Bachelor's Degree, Mechanical Engineering   July 2014 - May 2018
TKM College of Engineering, Kerala, India