

# ABY CYRIAC

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## PROFILE

Experienced data analyst 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 Power BI. 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) and willing to relocate within the USA.**

## TECHNOLOGIES

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

## EXPERIENCE

### Control Diagnostics Algorithm Engineer, Co-op Trane Technologies, Tyler, TX

February 2021 - Present

- 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.
- Created a neural network model to accurately predict the filter replacement using TensorFlow.
- Actively participated in the scrum meeting and used Jira for project tracking.

### Data Analyst, Consultant Data Analyst Intern, Team Lead Labeaud Labs, Dallas, TX

August 2020 - Present  
May 2020 - August 2020

- I am leading a team of five to implement Tableau dashboards and reports for the client'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 the client's boilers across 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 University of Texas, Arlington, TX GPA: 3.7

June 2019 - December 2021(expected)

**Projects:** Deployed Web Apps and Data Analysis Dashboards on Amazon Web Service (AWS), Credit Card Fraud Detection using Supervised Machine Learning in Python, Custom Command Shell in C++.

### Bachelor's Degree, Mechanical Engineering TKM College of Engineering, Kerala, India

July 2014 - May 2018