

# 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. 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.**

## EXPERIENCE

**ADT, Irving, TX**

**Senior Analyst**

August 2021 - Present

- Actively conduct meetings with different stakeholders to design new data pipelines and to increase the performance of existing ones
- Designed a new database in Oracle that helps the team to build reports more efficiently and with simpler SQL queries
- Created national sales performance reports using SQL and PowerBI for different stakeholders
- Helped the team to transfer existing reports in PowerBI to Tableau dashboards and tweaked SQL queries which reduced the data pull time of Big Data by approximately 25%

**Labeaud Labs, Dallas, TX**

**Data Analyst, Consultant**

August 2020 - Present

**Data Analyst Intern, Team Lead**

May 2020 - August 2020

- I am leading a team of five to implement Tableau dashboards and reports for the client's boiler plants
- Created dashboards that can be used easily to monitor the daily status and natural gas usage by the boilers 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

**Trane Technologies, Tyler, TX**

**Control Diagnostics Algorithm Engineer, Co-op**

February 2021 - August 2021

- Created a neural network model to accurately predict the filter change in the HVAC units using TensorFlow
- Created machine learning models to predict the cooling capacity for HVAC units using Python and Alteryx
- Analyzed big data over a live connection to Vertica database and made dashboards using Tableau and SQL
- Actively participated in the scrum meeting and used the Jira dashboard for project tracking

## EDUCATION

**Master's Degree, Computer Science**

June 2019 - December 2021(expected)

**University of Texas, Arlington, TX**

GPA: 3.8

**Projects:** Deployed Web Apps and Data Analysis Dashboards on Amazon Web Service (AWS).

**Bachelor's Degree, Mechanical Engineering**

July 2014 - May 2018

**TKM College of Engineering, Kerala, India**

**TECHNOLOGIES:** Python, Jupyter, SQL, Tableau, Statistics, MS PowerBI, Alteryx, Agile, Machine Learning, Deep Learning, Oracle, Snowflake, AWS, MySQL, NLP, TensorFlow, Numpy, Probability, Pandas, Django, Flask, Scrum, Excel, Java, Javascript, CSS, SQLite, C++.