

ARYA AMARNATH

| Looking For Junior Data Scientist / Machine Learning Engineer Roles

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Fort Collins, CO - Can Relocate

EXPERIENCE

Real Estate Manager / Portfolio Analyst

Realyx LLC 08/2021 - Present Colorado
· Wrangle, clean, classify and visualize data across multiple real estate assets producing monthly analytic reports and new insights on assets with a focus on future success
· Manage and oversee the daily operations of properties across Colorado, including coordinating maintenance, lease creation, and maintaining responsive customer service to tenants and owners utilizing property management tool, Stessa

Data Science Intern

Angi 06/2023 - 08/2023 Hybrid - Denver, CO
· Undertook the development of a predictive NLP text classification model (XGBoost algorithm) using AWS SageMaker. Implemented advanced preprocessing/ tokenization techniques - tfidf and Bert Transformers - to enhance model accuracy by over 15%
· Integrated ML model into a SageMaker Pipeline, setting the stage for future endpoint deployment
· Shadowed members of the Applied Data Science team, gaining insights into how data science intersects with SEO/M, Sales, Customer-Matching with Subscription Clients (contractors) and End-Clients (homeowners)
· Designed a query using SQL and Snowflake to enhance customer-to-sales rep interactions

Data Analyst Intern

interviewIA 06/2021 - 01/2022 Remote - Denver, CO
· Developed new ideas and services while introduced to teams - Marketing, Product Management, and Engineering - obtained key info on how a start-up functions and operates
· Taught about the essentials of data cleansing and BA/BI tools: Pendo, Superset, and Tableau used to create weekly and monthly KPI and data reports for 1000+ users across 30 companies
· Tasked with understanding the basics of back-end development using AWS EC2 servers with Docker and Jenkins for server support

Full-Stack / DevOps Trainee

DataNow Solutions 01/2019 - 03/2019 Hosur, Tamil Nadu
· Introduced the essentials of front and backend development for an open-source data portal that helped calculate tuition fees for families in Riyadh using Angular, NodeJS and Elasticsearch
· Worked closely with software engineers and DevOps team to get familiar with intermediate JavaScript knowledge (OOPs and Inheritance)
· Tasked with gathering, sorting and cleaning raw data into useable data for another data portal that presented data analytics on oil production across wells in the US

OTHER

International and Dynamic Background

Studying in 10 different schools across the USA, India, and Saudi Arabia has taught me to be flexible, resilient, and thrive in fast-paced academic environments. I am always ready to work by myself or with any team and enjoy learning from my peers while trying to understand their backgrounds.

6 Months Working at Modern Market Eatery

During my tenure as a Line Cook, Expo, Server, and Prep Cook, I acquired valuable experience and learnt how to adjust to the ever-changing environment of the restaurant industry. I developed the ability to excel in a fast-paced, high-pressure setting where prioritizing customer service is crucial.

SKILLS

Data Science

Python R SQL Big Data Git
Supervised/Unsupervised Machine Learning
Numpy + Pandas EDA + Visualization
Deep Learning NLP Computer Vision
Classification + Prediction MLOps
A/B Testing Multivariate Statistical Analysis
Time-Series Analysis HTML & CSS
Angular + Node JS Sci-kit + Keras + TF

Software

Jupyter Notebooks Tableau Gretl/STATA
PowerBI Tableau Snowflake Pendo
Jenkins
AWS SageMaker + Elastic + EC2 + Quicksight
Apache Superset Zentao JIRA

Academia

Calc. 3 & Linear Algebra
Inter. Econometrics + Data Forecasting
Optimization Methods in Data Science
Statistical + Topological Data Analysis
Data Wrangling + Discrete Structures

Certifications

Practical Data Science on the AWS Cloud
IBM Machine Learning Professional - IP

EDUCATION

Bachelor of Science in Data Science with Economics Concentration + Statistics Minor
Colorado State University
08/2020 - 05/2024 Fort Collins, CO