

RAGUPATHI M

Data Analyst

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EDUCATION

BE- Data Science

Annamalai University

📅 August 2019 - May 2023

📍 Chidambaram

SKILLS

Programming Languages

- Python
- R

Statistical Analysis

- Hypothesis Testing
- Regression Analysis
- Probability Theory

Data Manipulation

- Pandas
- NumPy
- MySQL-connector

Data Visualization

- Matplotlib
- Tableau

Machine Learning

- Sklearn

SUMMARY

Driven by a burning passion for innovation and an unwavering pursuit of excellence, I have honed my skills in data analysis, machine learning, and programming to unlock the true potential of data. With a solid foundation in these domains, I possess a unique talent for extracting valuable insights from complex datasets. Fueling my ambition is an insatiable curiosity and an unwavering commitment to success. During my enriching 9-month internship at Galaxy Technology Services, I played a pivotal role in developing and implementing cutting-edge machine learning models that addressed real-world business challenges. Additionally, my expertise in quantum computing adds a touch of enchantment to my skill set, propelling me towards unexplored frontiers of possibility. With an unwavering dedication to pushing boundaries and shaping the future, I am poised to leave an indelible mark in Data Science.

WORK EXPERIENCE

Data Analyst intern

Galaxy Technology Services

September 2022 - May 2023 | Internship | Remote

- Experienced Data Scientist specializing in developing and deploying machine learning models to solve diverse business problems.
- Proficient in utilizing quantum computing to enhance stock price prediction models, achieving an impressive 89% accuracy rate.
- Played a key role in building a Proof-Of-Concept for stock prediction using quantum computing at Galaxy Technology Services.
- We have demonstrated expertise in leveraging advanced technologies and techniques to drive actionable insights and inform strategic decision-making.
- Proven ability to collaborate effectively within cross-functional teams to deliver innovative solutions.
- Strong analytical and problem-solving skills, coupled with a keen eye for identifying patterns and trends in complex datasets.
- Committed to staying updated with the latest advancements in the field of Data Science and continuously expanding knowledge and skill set.
- Passionate about utilizing technical abilities to contribute to organizational prosperity and success.

Deep Learning

- Tensorflow

Big Data Technologies

- Hadoop
- Nifi
- Kafka

Operating System

- Windows
- Ubuntu

DevOps

- Git
- Docker

Project Management

- Asana

Integrated Development Environment

- Jupyterlab
- Colab
- Kaggle

CERTIFICATIONS

- Python for Data Science
- Machine Learning
- Data visualization using POWER BI
- Introduction to Quantum Information
- STTP on Speech and image processing using Deep learning
- Data Analytics with R programming

INTEREST

- Data Science
- Quantum Computing

PROJECTS

RECOMMENDATION SYSTEM

September 2021 | Correlation | Pandas | Netflix Dataset

- The purpose of a recommender system is to suggest relevant items to users

OZONE ANALYSIS

December 2021 | Visualization Techniques | Pandas & Matplotlib | NASA

- Visualize the fluctuation of ozone depletion area and significant global events from 1979 to 2022 using visualization techniques.

HOUSE PRICE PREDICTION

January 2022 | LinearRegression | Sklearn | House Prices

- To predict house prices using regression techniques, use a dataset containing relevant features and the corresponding house prices.

GENERIC CLASSIFICATION

March 2022 | Computer vision | Tensorflow | Image Datasets

- This Deep Learning model achieves a high accuracy of 90% or above using a Convolutional Neural Network (CNN) on any Image dataset

IMAGE CLASSIFICATION USING QCNN

January 2023 | Quantum | Tensorflow-Quantum | MNIST

- Incorporating computation and QCNN in computer vision project can potentially enhance results through advanced data processing, and quantum machine learning.

STOCK PRICE PREDICTION

March 2023 | Predictive Analytics | yfinance | Stock Data

- At Galaxy Technology Services, I built a Proof-Of-Concept using quantum computing to predict stock prices with an accuracy rate of 89%. This highlights the potential of quantum computing to significantly improve stock price prediction models.

