KEERTHANA MADHAVAN

Aspiring Business Analyst/Data Scientist | US Visa Holder

I possess strong analytical and communication skills, consistently delivering data-driven solutions that meet both technical and business objectives. Driven by a passion for data science, I'm eager to leverage my machine learning and deep learning knowledge in roles like Data Analyst, Data Scientist, Business Analyst, or Data Engineer. A fast learner, I'm committed to continuous improvement, ensuring I can contribute to your team's success.

✉ keerthana.madhavan2019@vitstudent.ac.in

☎ +91 7824811999

📍 Astra A1 0103 World Trade Center, Chennai

🗔 public.tableau.com/app/profile/keerthana.madhavan.19mia1073

in linkedin.com/in/keerthana-madhavan-b483641a6

○ github.com/Keeri18

SKILLS

ML, DL, Info Retrieval, Image Processing

Data Science, Data Analytics & Business Analytics

Sequential and Spatial data mining

Analytics: Social media, HR, Financial, Healthcare, Risk and Fraud

Big Data Frameworks

LANGUAGES

English, Hindi, Tamil
Native or Bilingual Proficiency

C/C++, Python
Full Professional Proficiency

R, Java, PySpark, Hadoop, Cassandra, NEO4j, MongoDB, SQL, SPSS, Gephi
Professional Working Proficiency

EDUCATION

M.Tech Integrated 5 years(Computer Science Engineering with specialization in Business Analytics)
VIT CHENNAI
07/2019 - 07/2024   *CHENNAI, INDIA*

SCHOOLING(CBSE)
BHAVAN'S RAJAJI VIDYASHRAM
04/2004 - 04/2019

CERTIFICATES

Coursera University of Washington Machine Learning Foundation: A case study approach

Coursera Deep Learning Specialization(All 5)

Coursera Computer Vision Basics

Coursera Text Retrieval and Search Engines

Coursera Graph Analytics for Big Data

NPTEL Programming in Java

PROJECTS

Content based and collaborative based movie and music recommenders(ML Python)

Animal detection and prediction in Digital Image Processing(Python)

Digital signature implementation in Java(Cryptography and Network Security)

Codalab TBX11K Tuberculosis Detection and Classification(Deep learning)

Movielens Item-based Collaborative Filtering(Big data frameworks PySpark)

IMDB Sentiment analysis(Information retrieval and organization Python)

Facial detection and recognition(Computer vision Python)

Android currency detection app with voice note using Java

Sentiment Analysis from Twitter data using PySpark and PyMongo

ISIS social network analysis on Twitter(Social media metrics Python)

Loan Prediction Analytics, Transaction Fraud Detection, Mortgage automation

Inventory Optimization(Python) COVID-19 Dashboard(Tableau)

Chest X-Ray Abnormality Detection and Classification Web App

Vital Sign Monitoring System with Predictive Analytics
▫ Department of Science and Technology, India project at VIT Chennai