

ATRIYA MAJUMDAR

SENIOR DATA SCIENTIST

SUMMARY

Competent data scientist with 8 years of experience developing a wide range of innovative applications like Credit Card Fraud Detection, Stock Sentiment Analysis Model, and Customer support system.

Ability to use (data) statistics and machine learning for finding complex data patterns that drive meaningful impact on the business.

Data science professional adept at developing analytic models to process raw data for identifying product improvement opportunities.

Gained an understanding of deploying machine learning modeling algorithms for recognizing customer sentiments as part of enhancing customer satisfaction.

VOLUNTEERING

Stock Price Prediction

JP Morgan Asset Management - Florida

Sep 2015 - Sep 2016

Use the Sentiment Analysis Algorithms to understand the stock sentiments.

Project: Twitter Sentiment Analysis

Tools: NLTK, Python

Algorithms: Sentiment Analysis

Stock Recommender Systems

JP Morgan Asset Management - Florida

Jun 2015 - Aug 2015

Recommender systems have become the most popular feature of the stock market. We have developed a artificial intelligence stock recommender tool using the Deep Neural Networks and classification algorithms

Tools: Python, sklearn

Algorithms: Deep Neural Networks, classification algorithms

Customer Support System

Data Scientist Sep 2015 - May 2016

Customer support has become a challenging job for every business. We build a "customer support system" to address and support the needs of the customers.

Tools: OpenCV, Python

Algorithms: Convolution Neural Network and other facial detection algorithms

EXPERIENCE

Data Scientist

PWC - New York Oct 2018 - Present

- To predict house prices using time series analysis and neural networks
- Identify factors that predict which employees will have the best performance and which will benefit from a change in their job position using machine learning.
- Designed the information architecture and model of an organization's assets
- Coordinated with the stakeholders on project progress.
- Involved in the continuous enhancements and finding the best solution.

Data Scientist Consultant

Wells Fargo Asset Management - Florida

May 2016 - Sep 2018

- Predicting the Stock price using sentiment analysis model.
- Finding the stock market daily patterns and creating a meaningful solution to the business.
- Identifying the Multi bagger stocks using machine learning and AI

EDUCATION

Master of Computer Application

Cornell University - Ithaca, New York

Sep 2017 - Sep 2018

Bachelor of Computer Science

California Institute of Technology - California

Sep 2016 - Sep 2017

SKILLS

Python & R

NLTK & OpenCV

SQL & SAS

SPSS & STATA

PowerBI & Spotfire

PERSONAL SKILLS

Communication