DATA SCIENTIST INTERN*STATISTICAL ANALYST, R PROGRAMMING SPECIALIST

Career Overview

Data Scientist | Computer Science Engineer | Experience in Programming & Mathematics/Statistics | Intern at S&P Global Platts Soham Mukherjee is a Data Scientist pursuing his Masters in Computer Science from Stevens Institute of Technology with prior experience with Global IT Services, consulting and business solutions organization. He is: Proven Critical thinker with excellent problem-solving skills Proactive Self Starter Supportive and Adaptable team member Deep Observer and Listener Articulated Communicator

Areas of Expertise

- Programming Languages: , R, SAS, Python, C++, C, C#, Java, PL/SQL
- Database Systems: Oracle 9i, MS SQL Server, PostgreSQL
- Internet Technologies: HTML, XML, ASP.NET, CSS

- Visualization: ggplot, TableauScripting
- Languages: JavaScript, JQuery
- Servers: Team Foundation Server
- Operating Systems: Windows 2000/XP/7, Ubuntu, MAC OS

Education

Advanced Algorithm, Knowledge Discovery and Data Mining, Database Management Systems, Data Mining 2: Big Data Analytics, Web Analytics, Social Network Analytics, Data Stream Analytics Stevens Institute of Technology ï¼ City , State

Master of Science , Computer Science December 2016 Computer Science 3.81/4

Bachelor of Technology , Computer Science & Engineering June 2014 West Bengal University of Technology ï¼ City , State , India Computer Science & Engineering 3.58/4

Affiliations

Member of Society of Computer Science at Stevens Institute of Technology, Indian Graduate Student Association and All Graduate Students at Stevens Institute of Technology *Part of the Core Organizing student committee of Tech Fest at Future Institute Of Engineering and Management

Date: November 5, 2016 Soham Mukherjee/2016

Experience

Data Scientist Intern*Statistical Analyst, R Programming Specialist Jul 2016 to Current

Bickford Senior Living ï¼ Sioux City , IA

- Analyzed internal and external data sources to determine: Â Factors affecting Crude Oil price, **Calculation of Implied Volatility** , **Oil Price Volatility Forecasting** and **Prediction** and Â Performance Measure.

Programmer Analyst Trainee Sep 2014 to Sep 2015

Cognizant Technology Solutions

- Designed and developed functional enhancements on Reporting and Analytics utilizing R embedded with C#, ASP.NET on Cognizant PlanRight forecasting and planning solution, which integrates data from Oracle ERP and point-of-sale systems to more accurately drive forecasting and planning.
- The module developed measures restaurant-specific key performance indicators (KPIs) such as actual vs. theoretical (AvT) variance, forecast accuracy, wastage management and unplanned purchases fill rate.
- It also provided dashboards such as sales, prep-item, raw materials and inventory Â

Social Media Integration

- Raspberry Pi Foundation based "Mitra: Virtual Assistant Bot".
- Designed and developed "Mitra: Virtual Assistant Bot" as a personal note taker based on Raspberry Pi Model B, Linux based Raspbian and Jasper (OpenSource Platform).
- The personal assistant was integrated with Google Mail, Calendar, Evernote and program to provide automated task using voice commands, such as reading news headlines, social networking notifications.
- The Application implemented Natural Language Processing techniques on real time user inputs (e.g., voice) and speech2text solution.

Skills

ASP.NET, API, audio, Big Data, business process, C, C++, consulting, Credit, credit risk, CSS, clients, Data Collection, Data Mining 2, Data Mining, Database, Database Management, Dun, ERP, XML, features, Financial, Forecasting, functional, HTML, information technology, Internet Technologies, inventory, Java, JavaScript, JQuery, json, Linux, machine learning, MAC OS, Market, materials, C#, Mail, Windows 2000, word, Natural Language Processing, Network, networking, next, Oil, Operating Systems, Oracle 9, Oracle, PL/SQL, PostgreSQL, Programming, Python, reading, real time, Reporting, Sales, SAS, Servers, Scripting, speech2, MS SQL Server, SQL, Tableau, website