Joseph Mifsud

Data Scientist

http://jmifsud.neocities.org
Robbinsville, NJ
jmifsud@posteo.net
929-999-9092

Objective

An analytical individual who is passionate about computer science and research seeks to leverage skillset in analysis, math and statistics in the role of Data Scientist. Coming with 4+ years of open-source software experience and empathetic interpersonal skills. Data pipeline Scikit learn Large scale unstructured data statistical model predictive modeling relarional database sql spark optimization methodology

Technical Skills

Machine Learning ML
- Multivariate Data Analysis
- Regression/Classification
- Probability
- PCA

Databases
- PostgreSQL
- Microsoft SQL Server
- DynamoDB

Python Language
- pandas+NumPy
- Matplotlib
- Scikit-learn
- Jupyter notebook
- Functional-style

Version Control
- Git
- Mercurial
- CVS

Cloud Computing
- AWS
- IBM Cloud
- Kaggle

Artificial Intelligence AI
- NLP
- Computer Vision
- Signal Processing

Deep Learning
- Deep
- Learning
- Skill

Data Visualization
- MPL
- Tableau
- PowerBI

Soft Skills

Communication
- Reflective Listening
- Clean Words
- Articulate

Organization
- Strategic Planning
- Decision Making
- Problem Solving

Positive Attitude
- Respectful
- Honest
- Energetic

Professional Experience

Freelance Data Scientist
Remote   Sept 2020 - Present

Creatively applies machine learning and data science techniques to deliver actionable insight for novel problems. Translates objectives to a project plan with milestones. Works across multiple engagements with clients to assess need, provide assistance, and resolve problems for a technical and non-technical audience. Crafts detailed reports on studies performed in both Jupyter notebook and typeset format. Maintains a personal website, and portfolio, with AWS and git.

Medical Equipment Technician
Canadian Red Cross (Kamloops, BC Canada)   Oct 2017 - Jun 2020

Responsible to maintain an inventory of medical equipment, making deliveries, and managing a small team of volunteers. Queries were crafted on a daily basis for Microsoft SQL Server. Communicated with team members with Microsoft Outlook and Lync.

Volunteer
BC SPCA & Canadian Red Cross (Kamloops, BC Canada)   Mar 2017 - Apr 2019

Developed a network in a new community awhile waiting for a work permit from the Canadian Government. Used spare time to develop skills in the administration of GNU/Linux distributions. Automated collection and parsing of IP traffic on WAN facing network interface with command-line tools as well as other novel projects.

Adventurer
Appalachian National Scenic Trail (United States)   Feb 2016 - Sept 2016

A hike of 2,189 miles was completed on time and within budget. A PostgreSQL database was used to house data on different gear options and ultimately optimize decisions before departing on the adventure.

Construction Manager
Triton Construction Co. (New York, NY)   Oct 2012 - Jan 2016

Excellent written and verbal communication skills were necessary for success in this project management role. The Microsoft Office suite of Word, Excel, and Powerpoint were used extensively to visualize and document communications. Responsible to lead regular meetings with both clients and contractors.

Graduate Lab Instructor
Stony Brook University (Stony Brook, NY)   Aug 2013 - May 2015

Responsible to lead a small group of students in laboratory exercises. Maintained an organized gradebook. Deftly met students at his or her own level of subject material knowledge to present new material accordingly.

Assistant Research Associate
SUNY Research Foundation (Geneseo, NY)   Sept 2011 - May 2012

Materials and methods were defined by the team for the collection of data within a scientific experiment. Data was collected, analyzed, and a report was written. A presentation was given to the Laboratory for Laser Energetics at the University of Rochester.

MS Mechanical Engineering

Stony Brook University

- Optimized electrode manufacture
- Graduate lab instructor (5hr/wk)

BA Physics

SUNY College at Geneseo

- Developed a scientific experiment
- Undergraduate lab instructor (5hr/wk)

Certificates

IBM Data Science Certificate

coursera.org