Hadi Askari

Data Scientist (NLP/Machine Learning Expert)

Versatile, results-driven professional with 6+ years of comprehensive experience developing exceptional outcomes in scientific research and data analytics to provide new knowledge and sustainable solutions. Superb experience in training and teaching computer programming tools like Microsoft Office as well as Physics, Statistics, Mathematics. Great group leadership abilities with excellent team spirit. Proven problem solving and analytical thinking skills, a fast-learning curve, and ability to adopt to evolving organization trends. A dedicated professional with the skill-set to excel in the fast-paced IT role enhancing an organization's ability to capture profitable markets.

Core Competences

♦ Data Science♦ Data Analysis ♦ Business Analysis ♦Machine Learning ♦ Data Mining ♦ Text Mining ♦ Natural Language Processing (NER, Topic Modeling, Parsing, POS Tagging, etc.) ♦ Time Series Forecasting ♦ Data Management ♦ Team Leadership ♦ Technological Proficiency ♦ Training Presentation Preparation & Delivery ♦ Written and Verbal Communication

Technical Skills

♦ Python (Fluent) ♦ R (Fluent) ♦ Python Packages (Scikit-Learn, Pandas, PySpark, Numpy, Mallet, Gensim) ♦ R Packages (dplyr, tidyr) ♦ Microsoft Office (Fluent)♦ MySQL (Advanced)♦ Tableau (Advanced) ♦ SPSS (Advanced) ♦Linux (Ubuntu)

Languages

♦ English (Fluent) ♦ Persian (Native) ♦ French (Beginner)

Experiences and Achievements

Myriad-Data, **Paris, France**   **June 2018 – Present**

Data Scientist, (NLP/Machine Learning)

As a member of the R&D team, we are developing a platform in the Workforce Management field to automate, discover, and manage human resources competencies.

♦ Unsupervised Learning & Semi-supervised Learning
♦ Probabilistic inference (Reasoning)
♦ Topic Modeling using LDA and hLDA: by different packages in Python and Java. Converting Java codes to Python and manipulating them in Python.
♦ Named Entity Recognition (NER): implementing packages like "spaCy", "re", and etc. to catch the highest accuracy in NER and POS Tagging tasks.
♦ Regular Expression: professionally applying regex to cleansing the text data for parsing and matching.

Ahvaz Education Board No.4, **Ahvaz, Iran**   **Sept 2015 - Aug 2017**

Teacher

♦ Teaching Microsoft Office (Word, Excel, and PowerPoint). Teaching basic programming and statistical tools (SPSS). Teaching Physics, Mathematics, and Statistics.
♦ Created technologically advanced educational materials and plans for teaching curriculum. Adapted the newest version of materials and curriculum for who were ready to advance.
♦ Worked with students individually and in groups to encourage learning. Managed class participation and scheduled class activities and projects.
♦ Attended professional development conferences and workshops.

Shahid Chamran University of Ahvaz (Jundi Shapur), **Ahvaz, Iran**   **Jul 2013 – Sept 2016**

Research Scientist

♦ Designed, planned and performed a theoretical and computational study to simulate a physical system using FORTRAN. Developed new algorithm to solved a bunch of highly sophisticated mathematical equations.
♦ Wrote abstracts and reports based on results. Presented the results from the studies at 4 national meetings. Published one ISI articles and two others in scientific magazines
♦ Present data in the form of graphs, and tables for immediate reference. Analyzing and processing complex data using advanced querying, visualization, and analytics tools. Giving first-hand insight into the data and helping the team with application development.

Islamic Azad University, **Iran**   **Dec 2010 – Nov 2011**

Data/Forecasting Analyst

♦ Employed quantitative methods with Mathematical and theoretical concepts to forecast the price of the market
♦ Collecting data, developing an algorithm using a time series grey system theory, writing the related code, interpreting the results and creating related graphs, and check the accuracy of the model.
♦ Publishing one ISI paper which has been cited 28 times until now.

Education

M.Sc. in Data & Business Analytics
ESC Rennes, France, Rennes

M.Sc. in Physics
University of Isfahan, Iran, Isfahan

B.Sc. in Physics
Shahid Chamran University of Ahvaz, Iran, Ahvaz