Taha Monfared

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OBJECTIVE

Statistician with an enthusiasm to apply my knowledge to data problems. Seeking to obtain a data-scientist/statistician position where I could elevate the team as a core contributor.

PROFESSIONAL EXPERIENCE

Business Analyst, Southern California Edison   Aug. 2017-Oct. 2017
* Created periodic reports using Microsoft Excel, Visual Basics for Office Applications (VBA), PowerPivot, Data Analysis Expressions (DAX), PowerQuery M formula language, and SharePoint.
* Performed extract, transform and load (ETL) process in PowerBI based on relational DB theory.
* Developed performance report dashboards (data visualization) for management using PowerBI.

Graduate Assistant, Institutional research and analytical studies, CSU Fullerton   May 2017-Aug. 2017
* Processed data requests, ensuring data integrity using SPSS syntax. Created an integrated database from scattered SPSS data files to be stored in Hadoop.
* Modeled predictive academic performance for individuals; Achieved 70% accuracy.

Data Science Consultant, Black Swan Data LTD   Jan. 2017-May 2017
* Developed Python code for logo recognition: feature extraction, classification, and segmentation utilizing Git, Google Cloud, OpenCV, Scikitlearn, and Scikit-image; Achieved 85% accuracy.

Stock Market Analyst, Bekhrad   Sep. 2007-Aug. 2014
* Produced data gathering, data management, and portfolio management software using VBA, Access, Excel, and SQL; Developed automated trading systems using Metastock.
* Managed portfolios valued more than $1M with above 150% return on investment.
* Consulted Karafarin Bank and developed VBA code for the integration of branches' daily reports to Microsoft Access.

EDUCATION

M.S. Statistics, California State University, Fullerton, GPA: 3.96   Expected Jan. 2018
* Courses include: statistical consulting, computational statistics, applied biostatistics, and multivariate/categorical/Bayesian data analysis.
* Presented at JSM 2017: "Inference for bivariate mean residual life function."

Master of Marketing & E-Commerce, Lulea University, Sweden   Jul. 2009
* Courses include: market research, B2B marketing, marketing management, marketing strategy.

B.E. Industrial Engineering, Amir-Kabir University, Tehran, Iran   May 2006

SKILLS

* Advance: R, Shiny, tidyverse, markdown, VBA, Microsoft Office Suite, SQL, SPSS, regular expressions, PowerPivot, PowerBI.
* Proficient: Python (NumPy, SciPy, Pandas), Tableau, Minitab, Latex, Linux/bash, Scikit-learn, Git, DAX, PowerQuery, Microsoft Project.
* Machine learning techniques: regression (Ridge, Lasso, PCR), classification (discriminant analysis, LDA, QDA, logistics, KNN, SVM), clustering (KMeans, Hierarchical), A/B (hypothesis) testing.

HONORS

Member American Statistical Association   Since Jan. 2017
Founder and president of Data Science Student Club   Since Dec. 2016