Taha Monfared

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OBJECTIVE

Eager to learn, persistent, fast learner, and detail oriented data scientist. Seeking to obtain an analyst position where I can solve data problems utilizing my knowledge and experience.

PROFESSIONAL EXPERIENCE

Research/Graduate Assistant   November 2015-Present
Office of Graduate Studies, CSU Fullerton
- Produce reports using Excel and R that summarizes CSUF graduate student educational performance
- Recommend allocating more resources towards underrepresented ethnicities to improve graduation rates
- Tutor an average of 20 graduate students monthly on statistics and advise on theses utilizing SPSS

Graduate Assistant   May 2017-August 2017
Institutional Research, and Analytical Studies, CSU Fullerton
- Produce adhoc data summaries and record level data outputs while ensuring data integrity
- Accumulate integrated databases from various SPSS data files using SPSS syntax for data warehousing
- Build predictive models for individual student performance

Stock Market Analyst   September 2007-August 2014
Bekhrad International Inspection Services (BIS), Tehran, Iran
- Produce data gathering, data management, and portfolio management software using Access, VBA, SQL
- Develop automated trading systems using Metastock
- Managed portfolios valued more than $1M with above 150% return on investment

CONSULTING & RESEARCH

Bayesian Research   July 2017-Present
CSU Fullerton, under supervision of Dr. Valerie Poynor
- Presented at JSM 2017: "Bayesian non-parametric Inference for bivariate mean residual life function"

Business Analysis   August 2017-October 2017
Southern California Edison
- Develop adhoc reports using PowerPivot, Excel, and Sharepoint
- Create dashboards using Power BI and Tableau
- Leverage relational database theory to extract, transform and load data from varied sources using Power BI, data analysis expressions (DAX), PowerQuery M language

Logo Recognition   January 2017-May 2017
Black Swan Ltd.
- Work as a team to research and develop image processing algorithm to identify company logos in social network images; utilize Python, Git, Google Cloud, OpenCV, Scikitlearn, and Scikit-image

Data Integration   July 2010- August 2010
Karafarin Bank, Tehran, Iran
- Integrate branches' daily reports into Microsoft Access relational database using visual basics for office applications (VBA) and SQL

EDUCATION

M.S. Statistics   Expected January 2018
California State University, Fullerton
- Courses include statistical consulting, computational statistics, biostatistics, multivariate data analysis, time series analysis/forecasting
- Giles T. Brown travel grant (2017)

Master of Marketing & E-Commerce   July 2009
Luleå University, Sweden

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

COMPUTER SKILLS

- Advanced: R, VBA, SQL, SPSS, PowerPivot, PowerBI, machine learning techniques
- Proficient: Python (NumPy, SciPy, Scikit-learn, Pandas, PySpark, MLlib), Shiny, Tableau, Minitab, DAX, PowerQuery, Latex, Linux/bash, Git, Jupyter, Github Pages

PROFESSIONAL DEVELOPMENT

Big Data (by Lynda)   November 2017
- Business Analytics: Data Reduction Techniques Using Excel and R
- Learning Python for Data Science, with Tim Fox and Elephant Scale

R & Python for data science (by DataCamp)   November 2017
- Introduction to R & Python

PROFESSIONAL AFFILIATION

Founding member, CSUF Data Visualization Club   September 2017-Present
- Present Power BI, Shiny, ggplot, tidyverse, git, and Github capabilities to members
- Create github repository, github pages, and website for the club

Member, American Statistical Association   Since January 2017
- Attended JSM 2017 conference

Founder/President, CSUF Data Science Student Club   December 2016-May 2017
- Organize talks with professionals in data science field

Founding member, CSU East Bay data science group   January 2014-June 2015
- Research Hadoop and hive
- Perform KNN cluster analysis on airline data
- Develop sentiment analysis and word cloud graphics for twitter data in R