

Taha Monfared

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PROFESSIONAL EXPERIENCE

Research Assistant, CSU Fullerton Graduate Studies 2015 – Present

- * Produce predictive and inferential reports on CSUF graduate students' educational performance using ordinal modeling, focused on underrepresented ethnicities
- * Tutor an average of 20 diverse graduate students monthly on statistics; with thesis research problems, coursework and papers

Stock Market Analyst, Tadbirgaran Investment Institute 2007 – 2014

- * Produced data gathering and manipulation codes using SQL, and Visual Basics for Office Applications (VBA)
- * Managed data in Microsoft Access DBMS and produced reports and assorted data
- * Developed custom indicators, and automated trading systems using Equis Metastock
- * Utilized SharePoint lists in Excel to share trades with stakeholders
- * Built portfolio management tools using Excel and Matlab
- * Produced VBA codes for Karafarin Bank's data integration in Access
- * Managed multiple portfolios, valued more than \$1M with more than 150% ROI

EDUCATION

California State University, Fullerton, CA 2015 – Expected 2017

- * Masters, Statistics, GPA: 4.0
- * Honors: Non-resident tuition waiver, highly competitive award granted to 100 CSUF students
- * Grader for Math-335 course presented by Dr. Jamshidian, summer 2016

California State University, East Bay, Hayward, CA 2014 – 2015

- * Masters, Statistics (Applied), GPA: 4.0
- * Honors: Golden Key Honor Society recipient, founding member of CSUEB data science group
- * CSUEB data science group activities: worked on Hadoop, Hive, Linux/bash under supervision of Dr. Eric Suess, chair of statistics department
- * Individual projects: Performed sentiment analysis and produced word clouds on twitter data working with twitter API and R

Lulea University of Technology, Lulea, Sweden 2006 – 2009

- * Masters, Marketing and Electronic Commerce, GPA: 3.5
- * Thesis: "Adoption of B2C Electronic retailing by companies' personnel", a multivariate analysis of survey data within geographical scope of Iran

Amir-Kabir University of Technology (Tehran Polytechnic), Tehran, Iran 2001 – 2006

- * Bachelors, Industrial engineering, Opt: Systems planning and analysis

TECHNICAL SKILLS

- * Languages: R, SQL, Python, VBA
- * Software: Microsoft Office Suite (advanced Excel skills), Linux, Matlab, SAS, R-Studio, R-Markdown, Latex, Minitab
- * Clustering, classification, iterative maximization techniques, gradient descent, categorical modeling, multivariate modeling, shrinkage, dimension reduction, EM algorithm, MCMC, Bayesian parametric methods, bootstrapping, pivot tables, LASSO, ridge, elastic net