MAHDI HAKIMI

EDUCATIONAL DATA SCIENTIST

CONTACT

Mahdi_@email.com ✉

(123) 456-7890 📞

Pasadena, CA 📍

LinkedIn 💼

twitter 🐦

Github ⦿

EDUCATION

Master's Degree
Geophysics
UCLA
2010 - 2012
Los Angeles, CA

B.S.
Engineering
UCLA
2006 - 2010
Los Angeles, CA

SKILLS

Communication
Data Analysis
Collaboration
Critical Thinking
R Programming
Hadoop
Python
NoSQL

CERTIFICATIONS

Data Science (SAS)
Principal Data Scientist
(DASCA)

CAREER SUMMARY

Seasoned data science professional with 13 published articles involving data mining, machine learning, and predictive analytics. An experienced programmer with a passion for learning new skills. Seeking a challenging and career-developing role as an educational data scientist with Arete.

WORK EXPERIENCE

Educational Data Scientist

Expatiate Communications

2018 - current / Pasadena, CA

- Developed and established 12 data intelligence processes
- Used weighted SVM on top of data processing techniques to find trends in 4 social media platforms
- Built trend detection and correlation finder to detect abnormal behavior of log data, identifying fraudulent activity for cybersecurity
- Integrated machine learning with different correlation metrics to identify relationships between 900+ live social media data metrics

Statistician

UCLA Health

2014 - 2018 / Los Angeles, CA

- Performed in-depth evaluations of 70+ programs, measuring effectiveness, and identifying improvement areas
- Analyzed 24 sources of multivariate data to identify significant findings, which enabled the creation of written publications
- Leveraged statistical programs to apply logistic regression and multivariate models to create visualizations for 130 presentations
- Collaborated on hypothesis formulation, determination of research design, and data collection procedures for 26 research programs
- Trained 6 junior statisticians in program processes and procedures

Associate Data Scientist

California Institute of Technology

2010 - 2014 / Pasadena, CA

- Developed 26 pipelines to analyze 82 large simulation datasets combining Python, TCL, and Shell scripts
- Worked in a cross-functional team to develop a multiscale simulation technique to explain phenomena, including viral DNA ejection
- Trained as a lab scientist on bioinformatics tools, statistical methods, and High-Performance Computing (HPC) systems