KEVIN MILLER
DATA ANALYST

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SUMMARY

Detail-oriented data analyst with over 3 years of experience extracting and presenting actionable insights from diverse data sources. Skilled in quickly adapting to new methodologies and programming techniques to enhance analytical processes. Recently completed a master's in data analytics and eager to further develop skills in machine learning and artificial intelligence.

EXPERIENCE

Graduate Research Assistant — August 2021 - July 2023

Department of Psychology, University of Nebraska-Lincoln

- Applied advanced statistical and programming techniques to analyze and report insights from multiple magnetic resonance imaging (MRI) studies
- Collaborated to streamline brain imaging and behavioral data analysis pipelines for improved efficiency and usability of data

Academic Tutor – Psychology — August 2020 - May 2021

Academic Center for Excellence and Success, Emporia State University

- Assisted students from diverse academic backgrounds in fostering greater conceptual understandings of course content and objectives
- Empowered students to develop effective study habits and use their strengths to succeed in psychology courses

EDUCATION

MS Data Analytics — September 2023 - May 2024

Western Governors University

- Capstone: "Chi-square and Random Forest Regression with data science jobs dataset"

MA Psychology — August 2021 - 2023

University of Nebraska-Lincoln

- Thesis: "Reduced face network and amygdalar functional connectivity to emotional faces in people who use methamphetamine"

BS Psychology — August 2018 - May 2021

Emporia State University

- Graduated summa cum laude (GPA: 3.98)
- Nominated and awarded Harry Levinson Scholarship in Organizational Behavior by psychology faculty
- Received Presidential Scholarship and Academic Honors in each semester

SKILLS

PROGRAMMING LANGUAGES

- Python, SQL, R, MATLAB
- Linux

PYTHON LIBRARIES

- Pandas, NumPy, Seaborn
- Scikit-Learn, TensorFlow

SUBJECT KNOWLEDGE

- Predictive Analysis
- Data Cleaning
- Machine Learning
  - Regression (Linear and Logistic)
  - Classification (KNN, Tree-based models)
  - Clustering (K-Means, Hierarchical)
  - Dimensionality Reduction (PCA, LDA)
  - Natural Language Processing (NLP)
- Data Visualization
- Scientific Writing

TOOLS

- Markdown and HTML Reports
- Tableau Dashboards
- GitHub Repositories
- Microsoft Office Suite

PROJECTS

- Chi-square and Random Forest Regression with data science jobs dataset