Anthony Albert

Data Analyst

(760) 522-6044   anthonydalbert@gmail.com   Portfolio

Professional Summary

Proven data science and mathematics teacher with 12+ years experience in SQL, Python, machine learning and communication skills. Eager to obtain a data analyst position to further display and develop my skills by continuing work with the analysis of educational data.

Skills

- 10+ years experience with Python, including Pandas, SciKit-Learn NumPy, and MatPlotLib
- Excellent ability to analyze and present large amounts of technical information to a non-technical audience
- Experience with SQL, C++, Java, and HTML coding languages
- Strong communication skills
- Knowledge of the Data Science process including cleaning data, modeling data, and using Machine Learning and mathematical algorithms to analyze data

Work Experience

DATA SCIENCE & MATHEMATICS TEACHER

San Marcos Unified School District| San Marcos, CA | **August 2015 – December 2022**

- Analyze student performance data to implement new course methods leading to a 11% increase in student scores in algebra
- Continuously collect and analyze student and school data to make choices on future projects and strategies used within the classroom and school-wide
- Worked as the primary data science teacher in the computer science department, teaching concepts such as exploratory data analysis, Python programming, Excel functions, and Machine Learning

MATHEMATICS & STATISTICS TEACHER

Julian Charter School| Julian, CA| **2010 – 2015**

- Engaged students in a wide range of mathematical and computer science topics
- Used technology to create game theory models for a Game Theory course I created
- Analyzed past attendance and standardized testing scores to implement school wide policies that resulted in a 17% increase in student attendance and a 24% increase in work completion

Education

University of Redlands

B.S. Mathematics, Minor in Computer Science, 2003 - 2008

Redlands, CA

Certifications/Licenses

Certified Professional Data Analyst - DataCamp

SB 2042 Single-Subject Teaching Credential, Mathematics