

Ahmir Postell

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EDUCATION

William & Mary

Master of Science in Business Analytics

- GPA: 4.0/4.0
- Relevant Coursework: Probability and Statistics with R, Business Modeling with Python

Williamsburg, VA

Aug. 2024 – Feb. 2026

William & Mary

Bachelor of Science in Computer Science and Data Science

- **Relevant Coursework:** Algorithms, Data Structures, Linear Algebra, Operating Systems, Data Visualization, Databases, Statistical Data Analysis, Applied Data Analytics in R, Applied Machine Learning

Williamsburg, VA

Aug. 2020 – May 2024

EXPERIENCE

Gymnastics Instructor

Williamsburg Gymnastics

- Led and taught gymnastics classes for children aged 4-12, adapting lessons to accommodate diverse skill levels and learning styles.
- Collaborated with a team of instructors to create a safe, supportive, and inclusive learning environment.
- Demonstrated leadership by managing student behavior and resolving conflicts to maintain a positive atmosphere.
- Utilized strong communication skills to engage with children and parents, ensuring clear expectations and feedback.

May 2023 – September 2023

Williamsburg, VA

PROJECTS

WM Gymnastics Performance Visualization | *Python, R, PostgreSQL, Tableau, Streamlit*

- Visualized William & Mary's D1 Men's Gymnastics scores (2020-2024).
- Designed PostgreSQL database and prepared data using Python.
- Displayed team performance using Tableau and Streamlit.
- Created 35 individual performance reports with R/Rmarkdown.
- <https://tribemgym2024.streamlit.app/>

YouTube Channel Analysis | *Python, Spacy, NLTK*

- Analyzed performance, interaction patterns, and sentiment on Dr. Andrew Huberman's YouTube channel.
- Utilized YouTube API for web scraping and data retrieval.
- Conducted NLP topic analysis and created 11 publication-ready visualizations.

Fast Food Nutrition Exploratory Analysis | *R, dplyr, tidyverse, rvest, ggplot2*

- Compared nutrition of fast food near William & Mary campus to assist in making healthier dietary choices.
- Scraped and cleaned nutrition data from 12 popular fast food chains.
- Calculated summary statistics and created visualizations to highlight key nutritional insights.

Movie Director Data Engineer | *Python, Selenium*

- Worked with team to analyze IMDB data to identify gender and ethnicity patterns among directors.
- Developed fault-tolerant data extraction for reliable retrieval and processing.
- Standardized data into JSONL files for streamlined analysis.
- Enhanced data quality by identifying and correcting errors in scraped content.

TECHNICAL SKILLS

Languages: Python, R, SQL (Postgres, MySQL, SQL Server), Java, JavaScript, HTML/CSS, GraphQL

Packages/Libraries: pandas, NumPy, Matplotlib, Scikit-learn, Spacy, dplyr, ggplot2

Developer Tools: Tableau, Git, VS Code, Streamlit, Microsoft Office

ADDITIONAL ACHIEVEMENTS

- Earned Google Advanced Data Analytics Certificate on Coursera. (Aug. 31, 2024)
- NCAA Division I Collegiate Gymnast. (Sep. 2020 – May 2022)