

# Ahmir Postell

<https://ahmirpostell.com/>

757-749-6382 | [postell.ahmir@gmail.com](mailto:postell.ahmir@gmail.com) | <https://www.linkedin.com/in/ahmir-postell> | <https://github.com/TheAhmir/>

## EDUCATION

---

### William & Mary

*Master of Science in Business Analytics*

Williamsburg, VA

Aug. 2024 – Feb. 2026

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

### William & Mary

*Bachelor of Science in Computer Science and Data Science*

Williamsburg, VA

Aug. 2020 – May 2024

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

## PROJECTS

---

### Note Taking Website | *React, JavaScript, HTML, CSS, Azure SQL Server*

- Created markdown note-taking site to facilitate organized note management throughout my graduate studies.
- Designed and developed SQL database backend on Azure SQL Server.
- Implemented frontend API calls and real-time markdown rendering in React.
- Developed hierarchical organization with search filtering to locate notes quickly and efficiently.

### 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, Java, JavaScript, HTML/CSS, SQL (Postgres, SQL Server, etc.), GraphQL

**Frameworks:** React, Node.js, Next.js, Angular, Flask

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

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

## ADDITIONAL ACHIEVEMENTS

---

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