

Shawn Spencer

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Summary

Highly analytical and results-oriented data science student with a passion for extracting insights from complex datasets. Possesses strong skills in data analysis, machine learning, and statistical modeling. Eager to leverage technical expertise and a collaborative spirit to contribute to a data-driven organization.

Education

- **University of Maryland, College Park, MD** (Expected Graduation: May 2027)
 - Bachelor of Science in Mathematics with a concentration in Data Science | GPA: 3.34
 - Relevant Coursework: Machine Learning, Data Mining, Statistics, Database Management Systems, Big Data Analytics, Data Visualization
 - **Dean's List** (Spring 2023)

Technical Skills

- **Programming Languages:** Python (Scikit-learn, TensorFlow, Pandas, NumPy), R (tidyverse)
- **Data Analysis Tools:** SQL, Apache Spark (basic understanding)
- **Machine Learning:** Supervised learning (linear regression, decision trees, random forests), Unsupervised learning (K-means clustering, Principal Component Analysis)
- **Statistical Modeling:** Hypothesis testing, Regression analysis, Time series analysis
- **Cloud Platforms:** AWS (Amazon Web Services) (basic understanding)

Projects

- **Stock Market Prediction Model (Personal Project)**
 - Developed a machine learning model using Python to predict stock prices based on historical data and financial indicators.
- **Social Media Sentiment Analysis (University Project)**
 - Analyzed social media data to understand public sentiment towards a particular brand, using sentiment analysis techniques in R.
- **Customer Churn Prediction (Kaggle Competition)**
 - Participated in a Kaggle competition on customer churn prediction, employing machine

learning models to identify at-risk customers.

Experience

- **University of Maryland Research Assistant (Part-time)** | College Park, MD (August 2023 - Present)
 - Assisted professors with data analysis tasks for ongoing research projects.
 - Gained experience working with real-world datasets and applying statistical methods.
 - Developed strong communication and collaboration skills within a research environment.

Awards and Activities

- **Member, University of Maryland Data Science Club**
- **Participant, Bitcamp Hackathon**

Additional Information

- Excellent problem-solving and critical thinking skills
- Strong communication and collaboration skills
- Highly motivated and self-directed with a meticulous approach to data handling
- Eager to learn new data science tools and technologies