

Shawntay Brown

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EDUCATION

American University — Washington, DC

M.S. Statistics | Expected May 2027

Graduate Certificate in Data Science | August 2026

University of Maryland — College Park, MD

B.S. Family Science | Minor: Humanities, Health & Medicine | May 2025

PROFESSIONAL EXPERIENCE

Coordinator of Community Services | Resource Connections, Inc.

Sep. 2025 – Current

- Coordinate community-based services and resource connections for individuals with disabilities.
- Maintain accurate service documentation and coordinate with individuals, families, providers, and community partners.
- Use service and program data to support quality assurance, reporting, and operational decision-making.

Pre-Award Research Administrative Intern | University of Maryland

Aug. 2024 – May 2025

- Supported pre-award research administration for proposals submitted to NIH, NSF, USDA, and other sponsors.
- Used Quali Research to assist with proposal development, documentation, budgets, and submission processes.
- Coordinated with faculty and administrative stakeholders to ensure proposal materials were complete and compliant.

Customer Service Representative

Aug. 2021 – Present

- Provided customer support, resolved service issues, and maintained accurate records in a high-volume environment.
- Communicated clearly with customers and internal teams to address questions and resolve problems.

TEACHING EXPERIENCE

Graduate Teaching Assistant | American University

Aug. 2026 – Present

- Support course instruction through the preparation of lecture materials, assignments, examinations, and other instructional resources.
- Facilitate tutorials, workshops, and/or lab sessions to reinforce course concepts and promote student engagement.
- Provide individualized academic guidance and respond to student questions regarding course content and assignments.
- Evaluate assignments and examinations and provide constructive feedback to help students improve their understanding and performance.
- Maintain accurate and confidential records of student grades and attendance.

Undergraduate Teaching Assistant | University of Maryland — FMSC 310

Aug. 2024 – May 2025

- Facilitated review sessions and supported student understanding of statistical concepts and coursework.
- Assisted in developing course materials, including assignments and assessments.
- Provided individualized academic support during office hours.

SELECTED PROJECTS

NBA Player Performance Analysis

- Analyzed NBA player-level data to examine factors associated with scoring performance using exploratory data analysis and multiple regression.
- Used R for data cleaning, visualization, statistical modeling, and interpretation.

NBA Injury Risk Analysis

- Integrated NBA injury records with player performance data to examine relationships between workload, performance, scheduling, and injury occurrence.
- Applied data preparation and statistical analysis techniques in R.

TECHNICAL SKILLS

Programming & Data: R, Python, SQL, tidyverse, ggplot2, DuckDB, DBI, Quarto, Git/GitHub

Statistics: Exploratory Data Analysis, Regression, Statistical Modeling, Statistical Machine Learning, Data Visualization, Program Evaluation

Tools: Excel, Google Sheets, Tableau, Power BI, RStudio

CERTIFICATIONS & PROFESSIONAL ACTIVITIES

Certifications: IBM Data Analyst Professional Certificate; Graduate Certificate in Data Science (American University)

Professional Activities: American Statistical Association; Sports Business Association

ADDITIONAL ACADEMIC PREPARATION

Completed mathematics coursework includes Precalculus, Discrete Mathematics for Life Science, Calculus I, Calculus II, and Calculus III.