Elliott Scott

Data Scientist
ElliottScott774@gmail.com | 443-686-2059 | Baltimore, MD

[My Data Science Portfolio (elliottscott774.github.io)](elliottscott774.github.io)

Summary

My name is Elliott Scott, and I am a Data Scientist with a passion for sports analytics. Originally from Baltimore, MD, I am currently a graduate student at IU Indianapolis studying Applied Data Science, specialization in Sports Analytics. My passions lie in uncovering insights through the intersection of sports and statistics.

Graduate School Experience

Data Analyst – College Football Data Collaboration
Summer 2024

- Collaborated with a business to conduct an in-depth analysis of college football data, developing an interactive application to evaluate win probabilities based on play type and context.
- Delivered innovative insights and recommended advanced data collection strategies to optimize future analytical projects.

Professional Work Experience

Data Science Consultant – Booz Allen Hamilton
2021 – 2023

- Developed a networking data processing system for a genetics machine learning algorithm in Python.
- Presented monthly research findings to contract stakeholders.
- Procurement specialist responsible for helping find and track the team's procurement needs.
- Collected, edited, and maintained daily, weekly, and monthly progress reports for the contract.

Intern – Nuclear Biological Chemical Battlefield Integration Laboratory, Aberdeen Proving Ground, MD
Summer 2018 and 2019

- Programmed electric drone battery prediction system, including data parsing and processing, PCA analysis, and linear regression modeling.
- Created and executed performance testing for developmental radio equipment. Analyzed data using Wireshark and created performance reports.
- Designed custom 3D printed drone part schematics using SolidWorks and OpenSCAD.

Education

Indiana University, Indianapolis
Graduate Student in Applied Data Science, specializing in Sports Analytics
Expected Graduation: Spring 2025

Towson University, Towson, MD
Bachelor of Science in Computer Science
Graduated December 2020

Technical Skills

- **Programming Languages**: Proficient in Python and R
- **Data Analysis & Visualization Tools**: Tableau, Pandas, Numpy, Matplotlib, Seaborn, ggplot2, tidyverse
- **Statistical Experience:** Linear Regression, Logistic Regression, Decision Trees, Neural Networks
- **Software Development Tools**: Experienced with Git for version control, Jupyter Notebooks for interactive coding, R Markdown for dynamic report generation, and R Shiny for app development

---

Certifications & Clearance

- **Top Secret Security Clearance** (Expired)
- **Machine Learning by Stanford Data Science**

Other Interests

- Former Head Coach of Susquehanna Football Club.
- Circumnavigated Bermuda via sailboat.