Joel Winner

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CAREER OBJECTIVE

Recent graduate in Statistics from The Ohio State University with strong skills in data analysis, quantitative modeling, and communication. Experienced in Python, R, SAS, and SQL for statistical modeling, time series forecasting, and business analytics. Adept at working in collaborative environments and translating technical insights into business value.

EDUCATION

Ohio State University Columbus, OH

Bachelor of Science May 2025

Major in Statistics

Relevant Coursework: Data Analysis; Machine Learning; Higher Mathematics; Algorithms; Statistical Models

WORK EXPERIENCE

American Conservation Coalition Columbus, OH

Data Analysis Intern May 2022 – Aug 2022

- Automated Python web-scraping pipeline that consolidated online data into Excel reports, eliminating manual copy-paste and saving the team numerous hours per week.

The Blackwell Inn & Pfahl Conference Center Columbus, OH

Bartender Jan 2022 - Aug 2024

- Acted as a one-person bar team; simultaneously mixing drinks, monitoring stock, and reconciling cash.

The Ohio State University Columbus, OH

Teaching Assistant Aug 2022 - Aug 2023

- Assisted students by leading lab sessions focused on Java coding projects as well as grading assignments and holding tutoring sessions.

RELEVANT PROJECTS

March Madness Analysis March 2025

- Built classification models (e.g., random forest, logistic regression, XGBoost) in R to predict tournament outcomes.
- Explore relationships between teams using unsupervised learning models (PCA, k-means)

MLB Park Factor Analysis April 2025

- Conducted statistical analysis on MLB ballpark effects using R and python, modeling how stadium factors influence offensive performance.
- Applied regression techniques and data visualization to compare park-adjusted metrics across teams.

Google Search Time-Series Project April 2025

- Modeled and forecasted Google Trends data using ARIMA and harmonic regression techniques to identify seasonal and trend components.

MLB Exit Velocity Analysis in SAS Dec 2024

- Analysed MLB statcast exit velocity and launch angle in SAS to access offensive performance and ball trajectory outcomes.

ADDITIONAL

Technical Skills: Advanced in R, Python, SQL, Java, Excel, Matlab, Tableau.