Brennan Gillgrist

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Experience

BlueCross BlueShield of South Carolina | Columbia, SC
Analyst, Statistical Programming I | 01/2025 - Present

- Manage and update Microsoft Excel trend models for many lines of business by importing SQL queries and running macros each month.
- Write SQL queries to pull data for specific Value Based Programs and create Tableau dashboards highlighting insights from these queries.
- Run data through SAS and MARA for reporting to different Value Based Programs.

The Gamecock Insider | Columbia, SC
Statistician | 08/2024 - Present

- Created statistical models predicting the outcome of South Carolina football and baseball games to post on the largest South Carolina Gamecocks Instagram fan page (13.5k followers).
- Simulated the college football season based on win percentages to calculate expected season win totals and predict bowl eligibility.
- Coordinated with the media team to award weekly players of the week.

Arroyo Seco Saints | Pasadena, CA
Data Analyst | 06/2024 - 08/2024

- Worked on various coding projects listed in the Projects section
- Created positioning cards from Synergy data for each game to increase defensive performance.
- Operated TrackMan and Pointstreak for data collection and game scoring for all home games.
- Set up six cameras around the stadium and uploaded the footage to Synergy after each home game.
- Communicated TrackMan data in-game to the hitting coaches as an added method of real time pitcher scouting.
- Conducted league-wide TrackMan and Synergy Audits to ensure each team was consistently uploading.
- Recruited college players and created a database for next season's possible roster options.

Tampa Bay Rays | Charleston, SC
Technology Operator | 05/2023 - 09/2023

- Operated the TrackMan radar for the Charleston Riverdogs, the single A minor league team for the Tampa Bay Rays.
- Analyzed key metrics like velocity, spin rate, and more to identify pitch type.
- Inputted play-by-play information for each pitch that was used for statistical analysis.
- Learned how to score baseball games and ensure data accuracy.

Skills

Data Analysis, SQL, Excel, R, Python, SAS, Tableau, Statistical Analysis, Statistical Modeling, Machine Learning, JavaScript, Teamwork, Communication skills, Customer service, Time management, Leadership Experience, TrackMan Baseball, Synergy Baseball, Baseball Scouting, Baseball Recruiting

Education

University of South Carolina | Columbia, SC
Bachelor of Science in Statistics | 12/2024
3.901 GPA

Projects

- Designed a baseball lineup optimization tool in Python by simulating baseball games and using Linear Regression to predict number of runs by batting order. (Arroyo Seco Saints)
- Developed code in R Shiny for a baseball analysis tool that generates hitter reports, pitcher reports, ANOVA, and player comparison charts as selected by the user. (Arroyo Seco Saints)
- Designed and implemented a Bayesian Linear Regression predicting the win percentage of NFL teams based on the total cap space percentage of each position group. (UofSC)