

# Jake Balek

Columbus, OH | [jakebalek@gmail.com](mailto:jakebalek@gmail.com) | [GitHub](#) | [LinkedIn](#) | [Twitter](#)

---

## EDUCATION

**Syracuse University | Syracuse, NY**

**August 2021 – May 2025**

B.S., Sports Analytics | David B. Falk College of Sports and Human Dynamics

Minor, Applied Data Analytics | School of Information Studies

## EXPERIENCE

**Syracuse University Softball**

**Fall 2024 – Present**

Analytics Intern

- Spearhead a group of interns introducing data analytics and dashboards to the coaching staff.
- Analyzed the correlation between team defense and win percentage using various machine learning techniques.

**Pro Football Focus | Remote**

**May 2024 – July 2024**

Player Data Analyst Trainee

- Analyzed countless hours of film while tracking player positioning and inputting correct player tendencies.

**Prep Baseball Report | Columbus, Ohio**

**May 2023 - July 2023**

Player Analyst Intern

- Filmed and analyzed top central Ohio high school baseball prospects.
- Attended various tournaments and showcases searching for the best talent to promote to collegiate profiles.

**Pioneer Baseball League | Remote**

**October 2022 - April 2023**

League Front Office Intern

- Generated hundreds of player profiles for each team's rosters and handled bulk data.
- Learned about the everyday duties of front office such as speaking with team representatives and general managers during off season or enforcing rules.

**JMA Wireless Dome | Syracuse, New York**

**October 2021 - Present**

Gameday Operations Assistant

- Day-to-day experience with the moving parts of setting up a venue and running a game day from behind the scenes.
- Part of the main team dealing with any issues such as fans, technical, equipment, sidelines, etc. during live events.

## RESEARCH

**SMT Data Challenge**

**Summer 2024**

- More information is coming soon as I signed a contract to not release information until results were posted.

**Cincinnati Reds Hack-a-thon**

**Spring 2024**

- Ran multiple random forest and clustering models to group archetypes of pitchers. Finished as a top finalist.

**SABR Diamond Dollars Case Competition**

**Spring 2024**

- Created a shiny app to display a new metric we developed to determine the value of a foul ball.

**Columbus Blue Jackets Business Intelligence Project**

**Fall 2023 – Winter 2023**

- Business related project with massive dataset regarding fan engagement while utilizing Excel and R Studio.
- Presented to front office members in attempt to assist with fan engagement and stadium improvements.

**Personal GitHub Website | [jakebalek25.github.io/](https://jakebalek25.github.io/)**

**Winter 2023**

- Forked a public website template from academic pages allowing me to post blogs and recent analytical projects.

## LEADERSHIP

**Sigma Phi Epsilon Fraternity | Syracuse University**

**Spring 2022 – Fall 2023**

Member, Philanthropy Coordinator

- As philanthropy chair, participated on the executive board and led the chapter to one of most successful charity events we have ever seen while raising over \$1,000 for the Children of America.

**Syracuse University Baseball Statistics and Sabermetrics Club**

**Fall 2021 – Present**

Member, Research Coordinator Assistant

- Collaborated on and identified a research project consisting of analytical models and extraneous data cleaning.

## TECHNICAL SKILLS

- **Excel:** Intermediate; Currently in the process of becoming certified.
- **R Studio:** Intermediate; Attributed to countless analytical projects with many posted on my GitHub website.
- **Tableau:** Intermediate; Created visuals and dashboards for various projects.
- **SQL:** Intermediate; Taken multiple courses at Syracuse involving data manipulation and querying.
- **Rapsodo:** Certified in both hitting and pitching baseball courses.