

Jake Balek

Columbus, OH | 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/

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 the hitting baseball course.