

Jake Balek

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EDUCATION

Syracuse University | Syracuse, NY

August 2021 - Present

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

Minor Applied Data Analytics | School of Information Studies

EXPERIENCE

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.

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 even running a game day from behind the scenes.
- Part of the main team who deals with any issues such as fans, technical, equipment, etc.

Prep Baseball Report | Columbus, Ohio

May 2023 - July 2023

Player Analyst Intern

- Filmed and analyzed top central Ohio high school baseball players.
- 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.

TECHNICAL SKILLS

Excel: Intermediate; Currently in the process of becoming certified.

R Studio: Intermediate; Attributed to countless projects with many posted on my github website.

Tableau: Intermediate; Created countless visuals and dashboards for various projects.

SQL: Intermediate; Taken multiple courses at Syracuse involving data manipulation.

LEADERSHIP

Sigma Phi Epsilon Fraternity | Syracuse University: Member, Philanthropy Coordinator

Spring 2022 – Fall 2023

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

Baseball Analytics Club: Member, Research Coordinator Assistant

Fall 2021 - Present

- Worked on and came up with multiple research projects consisting of analytical models and extraneous data cleaning.
- Led mock case competition group on research about catchers.

Syracuse Softball Analytics: Lead Analytics Intern

Fall 2024 - Present

- Spearheaded a group to introduce data analytics and dashboards for the Syracuse Softball Team, enabling the coaching staff to implement more advanced projects for future interns.
- Analyzed the correlation between team defense and win percentage using various machine learning techniques.

RESEARCH

Business Intelligence Columbus Blue Jackets Project

Fall 2023 – Winter 2023

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

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.

SMT Data Challenge

Summer 2024 – Present