

# Jack Kelly

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**OBJECTIVE** To obtain an internship in the field of baseball analytics and technology

## EDUCATION

### Brother Rice High School, Chicago, IL

- 34 ACT, AP student
- Member of the baseball team for four years

### Rose-Hulman Institute of Technology, Terre Haute, IN — B.S. Computer Science

- **Status:** Sophomore
- **GPA:** 3.0
- **Related courses:** Intro to Software Development, Object Oriented Software Development, Systems Programming, Data Structures and Algorithms, Intro to Probability and Stats, Differential Equations
- **Anticipated minors:** Data Science

## EXPERIENCE

### LongBall Labs, Park Ridge, Illinois — Lab Technician

- Used proprietary hardware and technology to analyze MLB hitters' bats and help them convert fly outs to home runs
- Traveled to Guaranteed Rate Field to pick up and deliver bats to clients
- Analyzed 2022 data to determine how much of an impact LongBall Labs had on clients' success

### Palos Coyotes, Palos Heights, Illinois — 17U Head Coach

- Created lineups and pitching rotations with the goal of winning games
- Focused on player development and helped run practices
- Lead team to American Legion Illinois State Tournament

AUGUST 2017 -  
MAY 2021

AUGUST 2021 -  
PRESENT

JUNE 2021 -  
PRESENT

JUNE 2022 -  
AUGUST  
2022

## SKILLS

**Programming:** Java, Python, C, Assembly

**Data Analysis and Modeling:** Jupyter Notebook, Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn, SQL, Maple

**Other:** Ability to learn complex information quickly, conversational Spanish, ability to collaborate effectively on teams and groups, ability to convey and explain work effectively, advanced knowledge of baseball and baseball statistics, passion for baseball

## PROJECTS

### Kelly Analytics

Created a blog where I document my journey learning data science and write about current trends and topics in the modern baseball world

### Front Row Joe Analysis

Used Python and Excel to analyze data from dozens of LongBall Labs clients' front row home runs in 2022 in order to quantify the effect that LBL had on their clients' success at the plate