

# Luke Snavelly

766 Route 68, New Brighton, PA

(724) 494 – 8876 | lsnavelly28@gmail.com | www.linkedin.com/in/LukeSnavelly

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## EDUCATION

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### Robert Morris University (RMU), Moon Township, PA

- B.S. in Data Science and Statistics, Minor in Data Analytics *Expected: Spring 2027*
- M.S. in Data Science *Expected: Spring 2027*
- GPA: 4.0 / 4.0
- Activities: Sport Analytics Club, Data Analytics Club, Honors Program, RMU Club Soccer, FYSP Honors Mentor

## SKILLS

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- **Technical:** R, Python, Power BI, Excel, Git, Statistics

## WORK EXPERIENCE

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### Assistant Manager

*Spring 2021 - Present*

Fun Fore All, Cranberry Township, PA

- Manage an up-to-15-person staff, communicate, and lead by example to run park smoothly
- Interact with hundreds of customers and diffuse intense situations that require active listening techniques
- Demonstrate analytical reasoning skills and brainstorm solutions to park issues, like arcade machine errors

## ACCOMPLISHMENTS AND PROJECTS

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### MLB Two-Strike Approach Clustering Analysis

*Spring 2025*

- Conducted a k-means clustering analysis to group MLB hitters based off their two-strike hitting abilities
- Presented a poster, which won an award for “Outstanding Sports Analytics for Professional Sports,” at the 5<sup>th</sup> annual Ohio State Sports Analytics Conference

### ASA DataFest 2025 – Best Practical Analysis

*Spring 2025*

- Collaborated in a three-person team in weekend-long data analysis competition, utilizing R and its packages
- Won “Best Practical Analysis” for the project, which provided suggestions for companies regarding leasing data

### Cleveland Cavaliers Hackathon – First Place

*Fall 2024*

- Operated in a three-person team to develop an R analysis, segmenting fans based on concessions and retail purchases data
- Employed statistical concepts, such as hierarchical clustering, to reach conclusion
- Placed first for analysis out of over 20 collegiate teams competing from the Ohio and Western Pennsylvania areas

### RMU Sport Analytics Club Data Jam 2024 – First Place

*Spring 2024*

- Spearheaded a four-person team to devise an Excel analysis, which required sorting through data of an approximately one million row file and creating data visualizations to reach a conclusion on college sport ticket sales
- Placed first in the Data Analytics track, based on a video presentation of explaining and interpreting findings

### RMU Presidential Scholarship

*Summer 2023 - Present*

- Awarded a full-tuition, academic scholarship, out of hundreds of applicants, handpicked by RMU President Michelle Patrick

## ACTIVITIES

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### Sport Analytics Club – President

*Fall 2023 - Present*

- Lead and devise club meetings that showcase current sport analytics and statistical programming methods
- Attend analytical conferences, such as the Carnegie Mellon SAC, examining projects and listening to speakers in the industry
- Compete in hackathons and competitions, such as the Cleveland Cavaliers Hackathon, developing R and statistical skills

### RMU Club Soccer – President

*Fall 2023 - Present*

- Organize practices and manage a group of like-minded individuals to accomplish one goal of winning
- Recruit and speak to potential new players and families at freshman orientations