

Luke Hamm

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Education

Wheaton College

August 2020 - Present

- *B.S. in Mathematics (Concentration in Statistics)*
 - Minor in History
 - GPA: 3.3
 - Relevant Courses: Calculus I-IV, Linear Algebra, Differential Equations, Probability Theory, Probability and Statistical Analysis
 - Courses in Progress: Analysis, Mathematical Modeling, Applied Machine Learning, Visualization for Data Science
 - NCAA Division III Baseball Player, Team Captain
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Work Experience and Projects

AVM Systems (Remote)

2023 - 2024

- Collected and analyzed game data for Major League Baseball organizations, delivering insights for player assessment using both qualitative and quantitative methods.

Study Analyzing Relationship between Performance and Pay in MLB

April 2024

- Conducted an in-depth analysis of the relationship between MLB player salaries and their on-field performance.
- Collected and processed extensive player data, including performance metrics and salary information, to identify key trends.
- Used statistical methods such as regression analysis to model the impact of various performance indicators on player compensation.
- Visualized data insights to highlight discrepancies between salary and performance, contributing to discussions on financial efficiency in team management.

Reds Hackathon Project

February 2024

- Collaborative advanced data analysis working with large data sets of MLB statistics. Used predictive modeling to estimate which pitchers would be better suited in a new role.

Glove Relacing Business

2023 - 2024

- Founder of a business offering baseball glove relacing and conditioning services via Facebook Marketplace.
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Skills

- Programming Languages: R, Python
- Basic experience with SQL, Tableau, C++
- Proficient in Excel