

Matthew Goodwin

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EDUCATION

Bachelors of Science in Industrial Engineering and Operations Analytics **Expected May 2028**
University of Arkansas, Fayetteville Arkansas | GPA 3.756

ENGINEERING PROJECTS

- **LEGO Education Spike Robot Coding:** **April 2025**
 - This project involved using the coding language MicroPython to program a LEGO Spike Robot. The robot was programmed to attempt certain tasks all in one run.
- **NBA Prop Bet Simulator:** **March 2026 – May 2026**
 - This group project includes coding in Java and use of the Vaadin library to create a functional application that can predict and help aid in the decision making when placing an NBA bet.
- **Wedding Planning Project:** **January 2026 – May 2026**
 - This group project consists of the use of project management concepts and ideas to successfully plan and execute a wedding.
- **Transportation Cost Optimization Project:** **April 2026 – May 2026**
 - This group project includes the formulation of a linear programming model that minimizes the total transportation cost while making sure that the demands of the delivery locations are still met.

JOB EXPERIENCE

Saline County (Arkansas) Boys and Girls Club: **March - May 2024**

- Referee/Umpire:
 - Referee for Pre-K-3rd grade basketball along with being an umpire for 1st-3rd graders who played for the Boys and Girls Club.
 - Worked 6 hours a week.

Saline County (Arkansas) Boys and Girls Club: **May - August 2025**

- Staff:
 - Supervised kids throughout the day.
 - Was responsible for supervising around 20 kids ages 5-12.
 - Worked 35 hours a week.

LEADERSHIP EXPERIENCE AND AWARDS

Chancellor's and Dean's List **Fall Semester 2024**

- Requires a 4.0 GPA

Dean's List **Spring Semester 2025**

- Requires a GPA between 3.75 and 3.99

AAIE Sue and Dick Blake Scholarship

- Industrial Engineering department scholarship

AAIE Bill and Margaret Harrison Scholarship

- Industrial Engineering department scholarship

Alpha Pi Mu Social Chair

April 2026 - Present

- Industrial Engineering Honors Society chapter at the University of Arkansas