

Toby Holland

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SKILLS SUMMARY

- Programming Languages: Python, Java, SQL, R
- Experienced in Microsoft Office Suite
- Advanced Mathematics/Physics Courses: Calculus III, Differential Equations, Linear Algebra, Physics II

EDUCATION

Bachelor of Science in Industrial Engineering and Operations Analytics Expected: May 2028
- **Minor in Mathematics**
University of Arkansas, Fayetteville, AR | GPA 4.0

ENGINEERING-RELATED EXPERIENCE

Prediction Model Research Project Spring 2025

- Conducted independent research on historical NCAA basketball data to identify factors contributing to team success
- Designed mathematical models and applied optimization analysis using self-developed formulas to establish a methodology of success
- Simulated outcomes on historical datasets, producing results that outperformed the national average for NCAA March Madness tournament predictions

NCAA Basketball Data Visualization Research Spring 2025

- Collaborated on a 4-person team to analyze NCAA basketball season data
- Generated visualizations in Excel to compare performance metrics across conferences and seasons
- Applied self-determined methods to draw inferences about team interactions, playing styles, and league trends through statistical interpretation of data
- Published findings on a team-created website to present insights through charts and written analysis

Independent Mechanical Project - Classic Car Restoration Spring 2022 - Present

- Maintained and repaired a classic car for 3+ years, including engine, brake, and electrical troubleshooting
- Developed strong diagnostic and problem-solving abilities from a self-taught perspective
- Gained practical information regarding process efficiency, automated systems, and mechanical design.

MANAGEMENT EXPERIENCE

Head Server/Shift Lead, Eddies Bar and Grill, Edmond, OK April 2024 - August 2025

- Worked 25 hrs/week while completing coursework as a full-time student
- Led servers in sales metrics consistently, including per person average and total sales
- Managed and coordinated 4 servers per night, ensuring adherence to service standards

EXTRACURRICULAR/CAMPUS INVOLVEMENT

McNair Engineering Fair - Volunteer Spring 2025

- Supported a university-sponsored outreach program for a local middle school
- Observed and evaluated bridge models, offering insightful feedback and problem-solving approaches

MATHCOUNTS Competition - Volunteer Spring 2025

- Assisted staff and faculty to coordinate event logistics during a regional academic competition, hosted by the Department of Engineering

LANGUAGES

- Intermediate Proficiency in Spanish

CERTIFICATION/HONORS

Chancellor's List Fall 2024 - Present

- Awarded each semester for achieving a 4.0 GPA while enrolled as a full-time student in the Honors College

Oklahoma Seal of Biliteracy Spring 2023

- State recognized award for demonstrated proficiency in English and Spanish across reading, writing, speaking, and listening

Arkansas Academy of Industrial Engineers Scholarship Fund Fall 2025 - Spring 2026

Bill and Pat Keltner Memorial Endowed Scholarship Fall 2025 - Spring 2026

Charles D. Brock Endowed Scholarship Fund Fall 2025 - Spring 2026