

Hudson Sell

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Education

University of Arkansas – College of Engineering – Cumulative GPA: 2.411

Major: Bachelor of Science in Industrial Engineering

Expected: December 2027

Coursework Projects

Fantasy Football Draft Assistant

Spring 2025

- Developed a web tool using Java that generated a ranked draft pool based on statistically derived composite scores and customizable user input to support the draft decision-making process.
- Collected, cleaned, and aggregated 18+ NFL datasets used to build a relevant fantasy football draft pool.
- Calculated and standardized various football evaluation metrics (e.g., consistency, injury risk, age regression, and redzone usage) across players and positions to assess player and team performance.
- Created a Vaadin user interface that allows the user to customize important factors (League and Team sizes, Fantasy platform (ESPN, Yahoo and Sleeper), and Fantasy Scoring) while also including a file uploader to allow functionality with future data

Best Buy Employee Scheduling Optimization Model

Spring 2025

- Developed a linear programming model to generate employee schedules aimed at minimizing total labor cost while meeting departmental allocation requirements and respecting employee availability.
- Collected and structured real-world data from a local Best Buy into two CSV files (employee and store data), enabling easy updates while maintaining program functionality.

Work Experience

Bonefish Grill – Host

May 2025 – Present

- Direct communication with guests to ensure maximum satisfaction
- Use of strategic thinking on where to sit guests, based on multiple constantly changing factors (table preference, group size, future reservations, etc.)
- Successfully helped contribute to a Top 5 Bonefish Grill in the country

Bariola's Pizzeria – Cook

March 2022 – January 2024

- Maintained the sanitation and cleanliness of the back of the house
- Effectively used teamwork in the kitchen

Zips Car Wash – Customer Associate

May 2021 – August 2021

- Personally sold monthly car wash memberships to guests
- Maintained the cleanliness and order of both the property and the machinery

Organizations

Institute of Industrial and Systems Engineers (IISE) – Member

Fall 2024 - Current

Sigma Alpha Epsilon Fraternity – Member

Fall 2024 - Current