

CASON CANNING

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EDUCATION

Bachelor of Science, Industrial Engineering and Operations Analytics

August 2024 – May 2028

University of Arkansas, Fayetteville, AR | GPA: 3.6

TECHNICAL SKILLS

Programming Languages: Python, Java, R

Software & Tools: Microsoft Excel, Microsoft Project, Microsoft Office Suite, IntelliJ IDEA

Engineering: Data analysis, statistical modeling, process optimization, project design

Core Competencies: Team collaboration, project management, problem solving, technical communication

ENGINEERING PROJECTS

Flight Arrivals and Delays Data Analysis | University of Arkansas, Fayetteville, AR

Fall 2025

- Cleaned and analyzed a large public U.S. flight dataset in Excel, resolving data quality issues to ensure analytical accuracy
- Designed visualizations and charts to surface delay trends, on-time performance patterns, and root causes
- Led a 4-person team through findings synthesis and delivered a structured final presentation

Hydroelectric Turbine Prototype | University of Arkansas, Fayetteville, AR

Spring 2025

- Designed and built a functional hydroelectric turbine prototype, applying engineering principles to maximize energy output
- Iterated on design through testing and quantitative performance analysis

Circuit Board Routing | University of Arkansas, Fayetteville, AR

Spring 2025

- Wrote Python scripts to automate and optimize routing paths across circuit board layouts
- Diagnosed and resolved circuit errors, reducing pathway inefficiencies through code refinement

WORK EXPERIENCE

Customer Pickup Specialist | Nebraska Furniture Mart, The Colony, TX

May 2023 – Aug 2023

- Managed fulfillment of 50+ daily customer pickup orders in a fast-paced, high-volume retail environment
- Streamlined pickup workflow processes, reducing wait times and improving order accuracy
- Demonstrated reliability and work ethic by maintaining 30 hours/week while completing coursework

LEADERSHIP & ORGANIZATIONS

Active Member – Risk Management & Honor Committees | Beta Theta Pi Fraternity, University of Arkansas Spring 2025 – Present

- Serve on the Risk Management Executive Board, enforcing safety standards and chapter policies
- Evaluate conduct cases and uphold fraternity standards as a member of the Honor Committee
- Participate in chapter operations, weekly meetings, and Greek Life philanthropic events

CERTIFICATIONS & HONORS

Excel: Advanced Formulas and Functions – LinkedIn Learning, September 2025

Excel: Managing and Analyzing Data – LinkedIn Learning, September 2025

VOLUNTEER EXPERIENCE

Elementary School Mentor

Aug 2022 – Dec 2023

- Mentored elementary students lacking a stable home environment, providing academic support and positive guidance

Operation Christmas Child

Dec 2022 & Dec 2023

- Packaged and shipped meals and toy boxes to children in need during the holiday season

Frisco Fire Safety Town

Summer 2023

- Taught children fire and pedestrian safety alongside firefighters, assisting with event organization and crowd direction