Gennifer Gutierrez

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EDUCATION

Bachelor of Science in Industrial Engineering and Operations Analytics
University of Arkansas, Fayetteville, AR | GPA 3.797
Expected: May 2028

TECHNICAL SKILLS

- Python | Java | Vaadin | Microsoft Excel
- PCEP – Certified Entry-Level Python Programmer

ENGINEERING / ACADEMIC PROJECTS

StormShield – Tornado Risk & Radar Coverage Analysis
Statistics Course Project | Java, Vaadin, SMILE, Tablesaw

- Collaborated with one teammate to analyze historical tornado data and identify regional patterns in high-impact tornado activity.
- Applied statistical analysis and a Random Forest model to forecast tornado risk and evaluate areas with insufficient radar coverage.
- Developed a radar-need scoring approach using factors such as predicted tornado risk, tornado frequency, and distance to existing radar stations.
- Built an interactive Vaadin dashboard and map to visualize tornado risk, radar coverage gaps, and potential radar-placement areas.

WORK EXPERIENCE

Walmart, Fayetteville, AR **August 2025 – April 2026**
Online Pickup and Delivery Associate

- Picked, packed, and staged high-volume online orders while maintaining accuracy, product quality, and fulfillment deadlines.
- Used handheld inventory systems to track orders, product availability, substitutions, and staging throughout the fulfillment process.
- Coordinated with associates and management to maintain efficient order flow and achieve daily productivity goals during high-volume periods.

McDonald's, Fort Smith, AR **April 2022 – July 2024**
Crew Trainer

- Trained, mentored, and supervised new crew members, ensuring their success in the customer-oriented environment
- Aided the manager in charge with daily operations, ensuring smooth and efficient store performance during peak hours
- Delivered fast, efficient, and friendly customer service in a high-volume, fast-paced environment