Joseph R. Perkins

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TECHNICAL SKILLS

- Programming Languages: Java, R, Microsoft PowerShell, SQL, Python, KSL Kotlin.
- Experienced in Data Visualization, Microsoft Office, Cloud Based Data, Tableau, General AI Softwares.

EDUCATION

University of Arkansas – Fayetteville, AR **Expected 2028**

Bachelor of Science in Industrial Engineering and Operation Analytics | GPA: **4.0**
Minor in Engineering Management

WORK EXPERIENCE

University of Arkansas – Teaching Assistant – Fayetteville, AR **August 2026 - Currently**

- Assisting in teaching Intro to Industrial Engineering hosting office hours, providing in-class support, and reinforcing course concepts to promote student success.

University of Arkansas – Football Analytics Intern – Fayetteville, AR **August 2026 - Currently**

- Developing databases, statistical models, and reporting tools (Python, SQL, Cloud-Based Data) to support data-driven decisions in recruiting, player evaluation, roster management, and scouting.
- Conducting statistical analysis and collaborative research projects, applying data analytics, visualization, database management, and problem-solving to improve football operations.

ISG – Project Management Intern – Green Bay, WI **May 2026 – August 2026**

- Engineered a PowerShell-based automation pipeline integrating Unanet CRM (API) and SharePoint to centralize and auto-populate Excel fee templates for project opportunity creation.
- Assisted in management 7 projects totaling over $100M in construction costs across 3 Business Units and 13 Engineering Practice Groups, using MS Project and Excel for scheduling and construction site observations.

Harrison Energy Partners – Outside Sales Engineering Intern – Tulsa, OK **May 2025 – August 2025**

- Delivered Microsoft Copilot integration for budget proposal editing, spec sheet summarization.
- Designed/budgeted a plate frame heat exchanger to save $20K–$30K annually in operating costs.

College of Engineering – Senior Ambassador – Fayetteville, AR **December 2024 – May 2026**

Collinsville Auto Sales – Car Salesmen– Collinsville, OK **May 2020 – May 2024**

PROJECTS AND ACHIEVEMENTS

Beating Vegas – Computing Methods 2 Project – Fayetteville, AR **May 2026**

- Collaborated with a team to build a Java simulation engine and data pipeline for an NBA prop betting app, running 10,000 Monte Carlo simulations per prop to find edge against sportsbook-implied odds and delivering two modes via Vaadin: an Auto Parlay Builder and a Custom Prop Analyzer.

Spotify Data Analysis – Introduction to IE Project – Fayetteville, AR **December 2026**

- Collaborated with a team to analyze a multi-platform music streaming dataset in Excel, using pivot tables and charts to uncover trends in song popularity, platform performance, and listener behavior.

University of Arkansas Chancellor's List – Fayetteville, AR **Fall 2024 – Spring 2026**

Runner-Up Outstanding First Year Engineering Student Award – Fayetteville, AR **April 2024**

- Recognized out of 821 first-year engineering students for exceptional academic achievement

LEADERSHIP

University of Arkansas – Mic Man Leader – Fayetteville, AR. **August 2024 – Current**

- Leading the University of Arkansas student section of 6,500 fans at home football games.

Institute of Industrial Engineers – President Elect – Fayetteville, AR **May 2026 – Current**

- Promote IISE through social and professional events while developing leadership skills

Alpha Pi Mu Honors Society – Communications Chair – Fayetteville, AR **May 2026 – Current**

- Manage Alpha Pi Mu honor society's social media presence by promoting semester events and

Institute of Industrial Engineers Sophomore Representative – Fayetteville, AR **April 2024 – May 2026**