

Carson McCoy

Hot Springs, AR | Fayetteville, AR

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Education

University of Arkansas

Bachelor of Science: Industrial Engineering. GPA: 3.45

May 2027

Relevant Coursework: Physics, Calculus, Economics, Statistics, Probability, Biology, and Chemistry

Research Paper: Internal and External Applications for Biometric Sensors

Experience

US Vanadium Internship

Hot Springs, AR

Project Manager | Summer 2024 - Summer 2025

Served as a lab technician, conducting experiments, data analysis, and testing to support operational improvements and product development.

Managed key aspects of a multi-million-dollar Flaking Furnace project, including project coordination, resource allocation, and scheduling.

Designed and planned the construction of specialized tanks to store sulfuric acid, ensuring safety and durability for high-risk industrial applications.

Collaborated with contractors, electricians, and employees to ensure timely completion of project milestones, maintaining quality and safety standards.

Contributed to process optimization efforts, improving efficiency and reducing operational costs.

Analyzed project data, prepared progress reports, and communicated key findings to senior management.

Leadership

Housing Committee, Sigma Pi Fraternity

American Chemical Society

High School Golf Team Captain

September 2024 - *Present*

January – May 2024

August 2020- May 2023

Passion Projects and Skills

Projects: Fine-tuned an open-source model for use with X

Technology: JavaScript, Python. Intermediate MATLAB, SolidWorks, Adobe Creative Suite, Google SketchUp, Microsoft Office Products.

Languages: English (Advanced), Spanish (Beginner)