

Jordan Work

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EDUCATION

Texas A&M University, Mays Business School
Master of Business Administration

College Station, Texas
December 2024

Colorado School of Mines
B.S. Mechanical Engineering

Golden, Colorado
May 2020

EXPERIENCE

Occidental Chemical Corporation (OxyChem)
Maintenance Engineer Intern
Maintenance Engineer

Corpus Christi, TX
May 2019 – August 2019
September 2020 – July 2023

- Designed, managed, and implemented more than 40 capital projects with expenditures of approximately \$20 million; all projects were completed on time and under budget
- Analyzed and executed changes in maintenance processes, procedures, and equipment to improve reliability and decrease recurring costs; implementation led to yearly cost savings of \$300,000
- Examined historical costs and forecasted future monthly operating and maintenance costs to develop monthly outlooks with an annual budget of \$16 million
- Supervisor of more than 30 contractors during plant outages with a perfect safety record
- Devised a piping package system to control fabrication and improve planning processes; implementation improved fabrication planning efficiency by 25%
- Selected to represent hundreds of engineers on the Corporate Engineer Development Committee to develop college hires into high quality engineers
- Recruited and interviewed new engineers at college career fairs, resulting in dozens of internship and new hire placements across all functions of the company
- Selected to represent the Engineering Department on the sites Safety and Environmental Awareness Team
- Led site OSHA incident investigations with the goal of determining the root cause and implementing procedures to prevent future incidents
- Managed dozens of concurrent plant repair, process improvement, and maintenance projects on a daily basis
- Was recommended for two promotions at out of state locations, but elected to pursue MBA

LEADERSHIP & INVOLVEMENT

Colorado School of Mines Society of Automotive Engineers: Formula SAE
Body and Aerodynamics Lead

Golden, Colorado
January 2019 – June 2020

- Led a team of eight to design and fabricate the body of a racecar to compete against schools across the country and managed the team's annual budget
- Collaborated with cross functional team to develop relationships and obtain sponsorships required to fund the fabrication of the racecar

Senior Design Project – Kong Company
Project Lead

Golden, Colorado
August 2019 – May 2020

- Group was budgeted \$150,000 to design a new air filtration system for Kong's manufacturing facility
- Analyzed manufacturing operations, current air quality, filtration equipment specifications, and current equipment condition to devise a solution
- Discovered the current air filtration system was adequate with ~\$2,000 of annual maintenance and no capital expenditures were necessary

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Microsoft Office, SharePoint, Solidworks, Matlab, Pipe Flow, SAP

Activities: Young Adult Ministry, Little League Assistant Basketball and Football Coach

Interests: Traveling, Skiing, Hiking, Motorsports