
Emma Vogel

emvogel@ksu.edu KS 66506 (620)200-5186 www.linkedin.com/in/emma-vogel

Education

Kansas State University, Manhattan, KS Expected graduation May 2025
Bachelor of Science in Engineering GPA: 3.72
Major: Environmental Engineering
Certificates: Sales, Lean six sigma yellow belt and OSHA 10

Relevant Experience

Bartlett and West, Overland Park, KS

Water Resources/ Renewable Energy Intern May 2025-Present

- Performed a regression pipe decay analysis on the city of Topeka sewer pipes and developed a risk analysis map using arcGIS and Civil 3D
- Conducted field work to locate sewer manholes and oversaw use of a Pioneer AI rover in sewers
- Streamlined QAQC arcGIS pro and microsoft excel platforms for flow calculations in sewer and gas pipes
- Edited P&IDs in bluebeam and participated in HAZOP for a renewable natural gas plant
- Conduct outreach phone calls to plant managers in St. Joe to engage interest and gather wastewater output data for a potential co-op renewable natural gas plant

Cargill, Columbus, NE

May 2023-August 2023

Environmental Health and Safety/ Engineering Intern

- Created elevated work inventory of 50 identified ladders throughout the facility that were used in daily operations via excel
- Conducted a SIF/ risk assessment for highest risk ladders while coordinating between operations, safety, production floor and engineering departments to obtain six sigma yellow belt
- Developed tool design via Autocad and ergonomically redesigned initial grinders to eliminate 14 instances of ladder usage in daily operation

Buttons by Emma, Manhattan, KS

Small Business Owner

August 2023-present

- Design button accessories through canva and adobe photoshop for any game days, sororities, and special occasions
 - Promote and market buttons on social media through Instagram and tracked orders through microsoft excel
-

Leadership Experience and Campus Involvement

American Society of Agricultural and Biological Engineering, Kansas State Chapter

Open House Chair

May 2024 - present

- Facilitate 6 board members and department heads to design display for the college of engineering open house
- Coordinate speakers from different companies through email outreach to present to all-department meetings

Pi Beta Phi Sorority, Kansas Beta Chapter

Housing Manager

November 2022-November 2023

- Facilitates the physical and financial needs of the chapter's house by communicating with executive team, and relaying information to the 130 person chapter

- Helped manage renovation budget with chapter advisors through microsoft excel

Biodiesel Club, Kansas State University College of Engineering

Public Relations Chair

January 2022-present

- Run facebook, Instagram and twitter and coordinate with sponsoring companies to give recognition on social medias
- Participate in innovative and ingenuitive ways to create biodiesel on campus