

**CURRICULUM VITAE OF CHASE PRESSLER, P.E.**

May 2024

**I. General Information**

A. Position                      Mechanical Engineer  
   Semke Forensic  
   154 Hughes Lane  
   St. Charles, Missouri  
   Telephone: 636-896-9995

**II. Professional Summary**

A. Education:                      Bachelor of Science  
   Mechanical Engineering  
   Southern Illinois University - Edwardsville  
   Edwardsville, Illinois  
   2013

Automotive Technology  
Capital Area Career Center  
Springfield, IL  
2009

B. Experience:

April 2023 to Present

Position: Mechanical Engineer  
Semke Forensic  
154 Hughes Lane  
St. Charles, Missouri

Responsible for mechanical engineering projects with emphasis in vehicular accident reconstruction, failure analysis, mechanical design analysis, and HVAC evaluations.

August 2021 to April 2023

Position: R&D Engineer  
Westermeyer Industries  
1441 State Route 100  
Bluffs, Illinois

Responsible for building multiple refrigeration loops and writing Labview code to control equipment and acquire test data. Developed software to predict fouling on a shell and tube condenser and to find the efficiency of a centrifugal oil separator. Sized custom shell and tube condensers and evaporators

April 2018 to August 2021

Position: Engineering Manager  
Westermeyer Industries  
1441 State Route 100  
Bluffs, Illinois

Responsible for day to day and ongoing projects for a team of engineers and drafters. Specified equipment and setup manufacturing cells for single and high-volume products. Oversaw the development of approximately 400 new products each year. Performed root-cause analysis on return material authorization products.

September 2014 to April 2018

Position: Mechanical Engineer  
Westermeyer Industries  
1441 State Route 100  
Bluffs, Illinois

Responsible for working with customers to select and quote UL and ASME pressure vessels for refrigeration. Created tools, fixtures, and spreadsheets to increase engineering and production efficiency. Assisted customers in troubleshooting issues in the field. Designed and supervised construction of a refrigeration lab.

**III. Seminars and Technical Courses Attended**

2023 - Drone Pilot Ground School Training Course  
2023 - Bosch CDR Tool Training  
2023 – Recon 3D Training

**IV. Professional Affiliations**

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)  
Society of Automotive Engineers (SAE)

**V. Professional Registration**

Registered Professional Engineer in the State of Illinois  
Registered Professional Engineer in the State of Missouri  
FAA Certified Unmanned Aircraft System (UAS) Pilot