SEMKE FORENSIC
A Keystone Company
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St. Louis
154 Hughes Lane
St. Charles, MO 63301
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CURRICULUM VITAE OF CHASE PRESSLER, P.E.

November 2026

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