Connor Herne

| (815) 630-7480 | cjhaspenfalls@gmail.com | linkedin.com/in/connorherne

Experience

RELIABILITY ENGINEER | IRVING TISSUE | MAY 2021 - PRESENT
- Project Leader for continuous improvement and reliability efforts
- Root Cause Failure Analysis (RCFA) owner and facilitator
- Developed site Standard Operating Procedures (SOPs)
- Developed site Electrical safe practices documentation
- Preventative Maintenance (PM) schedule owner
- DMSI MAINTelligence system administrator
- Reordered PM route sequence to optimize time and efficiency
- Managed Bill of Materials (BoM) changes using Oracle JD Edwards
- Captured vibration data on the Emerson AMS 2140 to identify failure modes
- Installed antivirus software on Process Control Network (PCN) machines to prevent cyber attacks

ELECTRICAL ENGINEERING INTERN | IRVING TISSUE | JUNE 2020 – MAY 2021
- Created original analyses, expressions, and templates using PI Asset Framework to improve utility systems and supply chain processes
- Developed PI Vision displays tailored for operations and upper management alike
- Historicized data from various OPC clients using PI System Management Tools
- Used Rockwell Automation software to edit PLC ladder logic
- Setup disaster recovery for PLC and HMI devices using Factory Talk Asset Centre
- Configured newly installed devices on the site process control network using RSLinx Classic
- Trended Modbus data from various power monitor devices using KEPWARE
- Interpreted single line diagrams to gain insight into plant power distribution

Education

MASTER OF SCIENCE IN ENGINEERING | MAY 2021 | MERCER UNIVERSITY
- Major: Electrical Engineering | GPA 4.0

BACHELOR OF SCIENCE IN ENGINEERING | MAY 2020 | MERCER UNIVERSITY
- Major: Electrical Engineering | GPA 3.8

Certifications

CERTIFIED VIBRATION ANALYST – CATERGORY I
- Technical Associates of Charlotte | May 2022

SIX SIGMA GREEN BELT
- IISE Manufacturing and Design Division | April 2021