

Elizabeth Ann Howell

www.linkedin.com/in/elizabethannhowell 

Skills

- Data Analytics and Data Visualizations
- Troubleshooting/RCA using Kepner-Tregoe and Cause-Mapping Techniques
- Advanced Proficiency with Microsoft's Excel, VBA Macros, Power Platform Applications, and Teams
- Maintenance Strategy Management
- SharePoint Page Creation and Design
- Basic exposure to Visual Basic, AutoCAD, Ladder Logic, SolidWorks, and MAT Lab

Experience

Tesla, AUGUST 2021 – PRESENT

Senior Production Equipment Engineer, Cell Manufacturing /

GIGAFACTORY TEXAS – AUSTIN, TX

AUGUST 2021 – PRESENT

- Responsible for creating an asset strategy from the ground up for a foil coating converting operation, including creating preventative maintenance program, maintenance procedures, and LOTO procedures
- Created and optimized systems to assist operations with production scheduling system, KPI tracking, and Outgoing Quality Control
- Developed and implemented a tracking and historical data system for the machine rollers using PowerApps and SharePoint
- Helped with the development of a Lock Out Tag Out (LOTO) Database and permit issuing system for the entire electrode maintenance & operations organization using PowerApps, Power Automate, and SharePoint

Georgia-Pacific, MARCH 2013 – AUGUST 2021

Indirect Cost Workstream Leader /

SAVANNAH MILL, FACILITY WIDE – RINCON, GA

MARCH 2020 – AUGUST 2021

- Facility leader for indirect cost optimization through focused initiatives and disciplined work execution as part of accelerated manufacturing transformation efforts
- Facilitated initiative identification to support reducing maintenance costs by 20% and labor optimization

Asset Availability Leader /

SAVANNAH MILL, CONVERTING – RINCON, GA

JANUARY 2021 – AUGUST 2021

- Focused on long-term reliability optimization across product system through data analysis of downtime losses, tactical and strategic asset strategy reviews, and work process execution
- Act as resource for mechanical/electrical root cause analysis and guidance on asset strategies opportunities

SAVANNAH MILL, LOGISTICS – RINCON, GA

AUGUST 2019 – DECEMBER 2020

- Focused on long-term reliability optimization across product system
- Supported department through deployment of SAP/S4 HANA digital transformation
- Designed and implemented an internal customer supplier communication tool and work process using PowerApps, SharePoint, Power Automate, and Power BI

Manufacturing Engineer /

SAVANNAH MILL, LOGISTICS – RINCON, GA

JULY 2018 – AUGUST 2019

- Focused on developing asset strategies to continually improve overall reliability/availability
- Responsible for palletizing, stretch wrapping, labeling, and conveying equipment – Alvey, E80 Robots, Kauffman, Lantech, and Markem-Imaje

WAUNA MILL, CONVERTING – CLATSKANIE, OR

MARCH 2013 – JULY 2018

- Focused on developing asset strategies, with emphasis on improving competitive position, by implementing new labor structure, improved throughput, and decreased maintenance spending
- Responsible for Alvey/Fanuc palletizing equipment and PCMC tissue/towel converting, printing, and packaging equipment
- Led department through implementation of Good Manufacturing Practices for SQF certification
- Eight months spent as a Relief Shift Mill Manager

Co-Ops and Internships, AUGUST 2007 – AUGUST 2012

Eaton – Aerospace, Warwick, RI – **Manufacturing Engineer Intern**
Kraft Foods, Wausau, WI – **Manufacturing Engineer Intern**
GE Appliances, Louisville, KY – **Quality Engineer CO-OP**
University of Florida, Gainesville, FL – **Research Assistant**

MAY 2012 – AUGUST 2012
MAY 2011 – AUGUST 2011
JANUARY 2011 – MAY 2011
AUGUST 2007 – MAY 2008

Education

Mechanical Engineering/ University of Florida

BACHELOR OF SCIENCE; MINOR IN BIOMECHANICS

DECEMBER 2012

GPA 3.34, CUM LAUDE

- Phi Sigma Rho (Engineering Sorority)

Positions Held: President, Vice President of Social Activities, and New Membership Educator