

Whittman Abbott

918-577-5112 • 902 W 6TH • Joplin, MO 64801 • iamwabbott@gmail.com

Education

Missouri Southern State University

Joplin, MO

Bachelor of Science in Industrial Engineering Technology

Anticipated Graduation: May 2024

Associate of Science in Manufacturing Engineering Technology

Associate of Science in Programmable Logic Controllers Associate

of Science in Industrial Robotic

Northeastern Oklahoma A&M College

Miami, OK

Associate in Applied Science in Process Technology

Graduated May 2021

Major: Process Technology

Technical Skills and Software Proficiencies

- Process Improvement
- Auto CAD
- Database Normalization
- Autodesk Inventor
- Six Sigma Green Belt
- RSLogix 5000
- Minitab
- HMI Software Development

Related Experience

Ceradyne Inc., 3M Company

Quapaw, OK

Manufacturing Engineering Intern

May 2021 to August 2021

- Developed and established the SMED evaluation & implementation for B11 and B12 production lines resulting in saving 2 minutes of production time while reducing \$26,000 in annual cost
- Produced the Safety and Improvement updates for boron purification including proper hazard and warning labels as well as correct identification of equipment
- Created and improved piping and instrumentation diagrams and Schematics using Auto CAD
- Restructured boron purification Ultra High-Pressure H2O total productive maintenance in accordance with industry regulations

Celltron

Galena, KS

Manufacturing Engineering Intern

May 2022 to May 2023

- Utilized Power BI (Power Query Editor and Power BI Desktop) to join multiple sources of data and create intuitive, user-friendly dashboards from otherwise complex sets of data - focused on bill of material analysis and finding "in family" assemblies in a high mix manufacturing environment
- Performed mass updates on 20 years' worth of serial number data into a user-friendly, stable database.
- Replaced Crystal Reports with Microsoft Power BI dashboards and possess a good understanding of Crystal Report data sources
- Experience using Microsoft Power Automate and Microsoft Teams
- Improved database stability, organization, and incorporated data analysis tools
- Used AutoCAD to design wiring harness assembly boards

Schreiber Foods

Carthage, MO

Controls Engineering Intern

May 2023 to August 23

- Configured and programed Allen-Bradley MicroLogix and CompactLogix PLCs
- Reviewed P&IDs, electrical drawings, and cause and effect diagrams with customer and controls engineers to assure all functionality and safety requirements are met.
- Maintained and repair electrical systems, wiring, and components for various robotics systems.

Honors and Memberships

- MSSU Foundation Scholarship (Engineering Technology) 2022 to Present
- Society of Manufacturing Engineers, Member, 2022 to Present
- Northeastern Oklahoma A&M College Berserkers Pep-Band Scholarship, 2 Semesters