



Tanya Hauck

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SUMMARY

Accomplished Electrical Engineer with a proven track record at Sumitomo Demag SHI (Van Dorn Demag), specializing in designing automation solutions and implementing software requirements. Expert in programming PLCs and HMIs, with a knack for analyzing complex problems to enhance cost efficiency. Developed innovative training programs and systems, demonstrating strong diagnostic skills and a commitment to industrial safety standards.

SKILLS

Expertise in programming PLCs and HMIs	Awareness of industrial safety standards and protocols
Capacity to analyze complex problems and develop solutions	Strong diagnostic skills to quickly identify and resolve issues

EXPERIENCE

Electrical Engineer

Cleveland, Ohio

Sumitomo Demag SHI/ Jun 2010 to Current

- Responsible for designing and implementing automation solutions that meet customer requirements while optimizing cost efficiency.
- Responsible for designing and drawing electrical schematics, as well as instruction sets, to send with customer orders.
- Responsible for implementing customer requirements in software.
- Developed a system for sending software updates to customers that require special equipment use by the field service engineers, which was more efficient, saving the company extra costs.

Electrical Engineer

Strongsville, Ohio

Van Dorn Demag/ Nov 1994 to Jul 2002

- Responsible for designing and implementing automation solutions that meet customer requirements while optimizing cost efficiency.
- Responsible for designing and drawing electrical schematics, as well as instruction sets, to send with customer orders.
- Responsible for implementing customer requirements in software.
- Responsible for troubleshooting software and wiring issues on machinery as it was being built.
- Experience reading hydraulic diagrams and working with mechanical engineers to design customer solutions.
- Participated in the development of a new control system with the R&D department based on object-oriented programming.
- Responsible for training the controls engineering department on the new object-oriented programming control system. Created training manuals for training.
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EDUCATION AND TRAINING

Bachelor of Electrical Engineering: Electrical Engineering

Cleveland State University Jun 1994

Cleveland, OH

ACTIVITIES AND HONORS

- Hiking
- Kayaking
- Crocheting

CERTIFICATIONS

- Coding Bootcamp