REBECCA A. DARBY

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PROFESSIONAL SUMMARY

Versatile Electrical Engineer with expertise in the LabVIEW programming environment. Excellent communication and problem-solving skills with the ability to handle complex projects.

SKILLS

- LabVIEW Core I and II
- Visual Basic

- Rockwell Software
- Troubleshooting skills

- Interfacing with hardware
- Microsoft Office

WORK HISTORY

Test/Automation Engineer, 04/2018 to Current

Standard Motor Products – Independence, Kansas

- Worked with multiple cross-functional electro-mechanical teams for automation and testing projects. Wrote all LabVIEW programs, utilizing digital and analog I/O, serial data, ethernet/ip, and Modbus TCP to communicate with external hardware. Created user friendly GUIs for each application which increased operators productivity.

- Developed program to automate an eight station turntable that performs room and hot temperature pressure calibration on 20 Melexis pressure sensors simultaneously, interfacing with multiple servo motors and sensors. This project increased product throughput by 20X, saving $500K annually.

- Automated welding of four wire bobbins followed by a resistance test with a DMM. This project increased throughput by 8X, decreasing labor costs and increasing profits.

- Programmed test equipment that perform functional and leak test on MAP sensors, interfacing with pressure regulators, transducers, and various sensors.

- Head of new product line acquisition containing multiple testers with RSView Works and RSLogix 5000.

Electronics Engineer, 07/2017 to 04/2018

NAVAIR, Department of the Navy – Jacksonville, Florida

Triton Unmanned Aircraft - Fleet Support Team

- Create and maintain detailed schematics in AutoCAD.

- Managed seven naval ground stations across five continents for the Triton unmanned aircraft, providing real-time intelligence, surveillance and reconnaissance.

- Maintain a secret security clearance.

Systems Engineering Intern, 05/2016 to 08/2016

Alstom Train Signaling – Jacksonville, Florida

- Mastered Rail Traffic Controller software to increase safety and efficiency of train dispatching. Created an educational program to teach software to employees.

EDUCATION

Bachelor of Science: Electrical Engineering, 04/2017

University of North Florida - Jacksonville, Florida   GPA: 3.73/4.00