

Jane Doe

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OBJECTIVE

To obtain fulltime employment in the field of Electrical Engineering

EDUCATION

Michigan Technological University
BS Electrical Engineering
GPA: 3.55

Houghton, MI
Expected 2016

University of St. Thomas
BS Electrical Engineering
GPA: 3.80

St. Paul, MN
2010 – 2011

CO-OP/INTERNSHIP EXPERIENCE

Emerson Process Management
Co-op Engineer
Rosemount Flow

Chanhassen, MN
Jan 2014 – Aug 2015

- Performed Design Verification testing on redesign of 8732E flow transmitter
- Developed automated test environments to control Thermontron ovens and measurement equipment using LabVIEW
- Summarized data and wrote test result reports
- Wrote MATLAB program to define the behavior of frequency of pulse output of new transmitter

Rosemount Nuclear Instruments, Inc.

- Completed temperature coefficient testing on 1150 series transmitters in order to qualify new span thermistor to replace current thermistor facing obsolescence
- Tested for leaks on pressure calibration system before initiating temperature coefficient testing
- Reworked resistors on module circuit boards in accordance with the temperature coefficient results
- Executed temperature compensation testing on pressure modules before installing into transmitters
- Developed theoretical values for R-T curve to compare possible options to replace the current voltage regulating thermistor

Rosemount, Inc.

- Carried out diagnostic testing for the next generation 3144P temperature transmitter
- Focused testing on temperature effects and dynamic lift-off
- Performed temperature cycling test on prototype temperature probes
- Wrote technical report of test summary and results
- Debugged and defaulted 641 temperature transmitter circuit cards in order to proceed with diagnostic verification testing

COMPUTER SKILLS

LabVIEW • MATLAB • Mathematica • MS Office, including Excel • C • C++

LEADERSHIP

Michigan Tech University Summer Youth Programs

Activity Counselor

June – Aug 2014

- Led participants (youth 12-18) in nightly recreational activities
- Collaborated with counseling staff team to ensure positive, safe experience

Alpha Gamma Delta International Women's Fraternity

- **President**, Risk Management Coordinator, Philanthropy Coordinator, Ritual Coordinator, VP Finance

Blue Key Honor Society

- Funding and Awards Committee