

Christopher “Drew” Fountain

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EDUCATION

Bachelor of Science, Electrical Engineering, May 2017

Mississippi State University, Starkville, MS, current GPA: 3.01/4.00

WORK EXPERIENCE

Ergon Refining, Inc. (ERI), Vicksburg, MS (Co-Op)

August 2014 – August 2016 (4 terms alternating between school and work)

- Assisted contractors with the installation and start-up of several different Variable Frequency Drives in both the refinery and biofuels plant.
- Experienced a 35-day scheduled plant-wide shutdown for maintenance and project tie-in purposes.
 - Assisted contractors in replacement of two Motor Control Centers during the shutdown.
- Designed various electric heat trace zones for projects throughout the refinery.
- Cooperated with other co-ops as well as full-time engineers in my department and others to accomplish tasks.
- Assisted with the installation of a temporary 5MVA transformer.
- Used a temporary Schweitzer relay at Ergon Biofuels to gather data on a voltage drop across the company's 4160V bus.
- Updated electrical drawings through AutoCAD.

Fountain Construction Company, Jackson, MS

Summers 2010 – 2013

- Assisted company mechanic performing preventative maintenance and repairs on heavy construction equipment and fleet vehicles.
- Worked as electrician's helper on the following projects:
 - Jackson Academy Football Field Lighting
 - Millsaps College Football and Baseball Field Lighting Repairs
 - Rankin County Flood Control Generators

COMPUTER SKILLS

- **Applications:** Microsoft Word, Excel, and AutoCAD
- **Operating systems:** Windows
- **Languages:** Knowledge in Python, C++, Matlab, and Wolfram Mathematica

HONORS AND ACTIVITIES

- Mississippi State University
 - Member of the Institute of Electrical and Electronics Engineers
- Covenant Christian Church (Disciples of Christ)
 - Junior Deacon, 2012-present