

Austin Gusewelle

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EDUCATION

Oregon State University

Bachelor of Science in Electrical and Computer Engineering

Corvallis, OR

Sept. 2020 – May 2023

Lewis and Clark Community College

Associate's in Engineering Science

Godfrey, IL

Aug. 2018 – May 2020

EXPERIENCE

Gift Processor

Jan. 2019 – Present

The Mission Continues

Remote

- Donation management: Process donor gifts and acknowledge receipt within 48 hours using a routing and review process for approval
- Maintain Salesforce records related to contributions, pledges, prospects, and activities connected to fundraising initiatives and stewardship
- Create and run macros within Excel/custom databases to automate tracking, auditing large donor pools, cross reference records for reconciliation, and validating data for accuracy
- Respond to data requests on donor contributions as requested and track overall revenue projections
- Serve as point of contact for donation management for volunteers and staff

Electrical Engineering Intern

May 2021 – Aug. 2021

Ameren Missouri, Callaway Energy Center

Remote

- Applied data analytics to calculate the preventive maintenance status on critical pump motors in the nuclear power plant.
- Shadowed teammates working within Preventative Maintenance, Innovation, Substation Design, Electric Power Research Institute, and Thermography
- Collaborated with various engineering and quality teams to gather technical information

Electrical Engineering Intern

May 2020 – Aug. 2020

Ameren Missouri, Callaway Energy Center

Remote

- Applied data analytics to identify all electrical components, in the nuclear power plant, likely to fail due to radiation exposure
- Shadowed teammates working within Preventative Maintenance, Innovation, Substation Design, Electric Power Research Institute, and Thermography
- Researched the Environment Protection Plan that Ameren follows from the Nuclear Regulatory Commission and ran a meeting presenting the information to non-technical people
- Engaged in the Diversity and Inclusion Leadership Summit, Callaway Career Development, and Leadership Alignment
- Collaborated with various engineering and quality teams to gather technical information

Engineering Intern

Aug. 2018 – Aug. 2018

BBC Electrical Services

St. Thomas, U.S.V.I.

- Conducted daily safety meetings for linemen and crew regarding personal protection equipment
- Evaluated and planned for supplies needed onsite and organized transportation of materials
- Ensured job site safety by completing documentation of safety measures taken onsite to complete tasks, including inspecting equipment and job site for potential hazards prior to starting work

AWARDS

Evelyn Trent Award | *Mathematics and Leadership*

May 2020

SKILLS

Courses: Computer Networks, Data Structures, Digital Logic Design, Electronics (DC power supplies, oscilloscopes, multi-meters), Signals and Systems,

Design Tools: AutoCAD, Sketch-Up, Siemens NX, Quartus

Languages: Assembly, C, Python

Software: Git, Microsoft Excel (Conditional Formatting, Power Query, VBA), Microsoft PowerPoint, Salesforce, System Verilog