

# Nathan Coleman

Maryville, TN

-Email me on Indeed: <http://www.indeed.com/r/Nathan-Coleman/e47214560b1ff170>

Seeking a position that will provide a competitive and challenging environment where I can use my skills and talents to help expand the company while learning more about the industry.

Willing to relocate to: Maryville, TN

## Work Experience

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### **Electrical Engineer A**

Olin Corporation - East Alton, IL

January 2020 to Present

One of three electrical engineers supporting the East Alton plant. Complete full and partial control upgrades to machines of varying type. Upgrades can include converting a system to be PLC based, adding safety features, adding vision systems, introducing data acquisition, and updating obsolete parts. Projects involve: programming of PLCs, HMIs, vision systems, and VFDs, working in AutoCAD to create or update electrical schematics, creating BOMs, and ordering all parts required. Work closely with mechanical engineering staff to ensure synergy between mechanical and electrical systems. Coordinate teams of electricians during install and debug of projects.

### **Electrical Engineering Co-op**

Olin Corporation - East Alton, IL

May 2019 to August 2019

Involved in an extensive amount of HMI and PLC programming projects involving additions to legacy programs, creating reusable function blocks, and creating entire programs from scratch. Created and updated electrical schematics for the same projects.

### **Electrical Engineering Co-op**

Olin Corporation - Oxford, MS

May 2018 to January 2019

Helped troubleshoot control systems. Coordinated contractors and parts vendors on multiple projects. Collaborated with safety department to implement new safety features on controls upgrade projects. Provided testing and support for vision systems throughout the plant.

## Education

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### **B.S. in Electrical Engineering**

Tennessee Technological University - Cookeville, TN

September 2014 to December 2019

## Skills

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- C++
- C
- Analysis skills
- AutoCAD
- Schematics
- OSHA
- Programmable logic controllers
- Microsoft Office
- Electrical experience
- Software troubleshooting
- Electrical Engineering
- Debugging
- Project Planning