

Dylan Scruggs

Electrical Engineer

Contact

7210 Tanyard Hill Rd
Winchester, TN, 37398
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Education

Tennessee Technological
University
BA of Electrical Engineering
GPA 3.13

Relevant Coursework

Circuits & Electronics 1,2, & 3
Power Systems Analysis
Control Systems Analysis
Signals and Systems
Mechatronics
Capstone Design

Key Skills

Circuit Design
Relay Logic
Motor Control
Electrical AutoCAD
PLC Coding (Proficy Machine)
HMI Design (Cimplicity)
C++ Coding/Analysis
Data Analysis
Critical Thinking
Project Management
Communication

Objective

Electrical engineering student with experience in both manufacturing and defense settings. Strong desire to learn and grow through future opportunities. Currently on track to graduate early with a bachelor's degree in electrical engineering in December 2024. Seeking future full-time positions starting in January 2025. Currently possess a NACI.

Experience

May 2024 – August 2024 • Arnold AFB, TN
Electrical Power Engineering Intern • National Aerospace Solutions

Responsibilities: Completed various assigned tasks through collaboration and extensive research. Designed a water level control system with relay logic, researched and sourced possible motor starter replacements, and performed physical configuration audits on motor control centers.

May 2023 – August 2023 • Tullahoma, TN
Manufacturing Engineer Intern • TE Connectivity

Responsibilities: Worked alongside engineers to create and implement projects. Implemented a scrap tracking system for several machines, aided in PLC work, conducted daily maintenance on assigned machine, and assisted in data collection for weekly meetings.

June 2018 – August 2022 • Lynchburg, TN
Owner • C&S Landscaping

Responsibilities: Managed operations while working alongside employees.

Awards / Honors

2023 & 2024 Wayup Top 100 Intern
Tennessee Tech Dean's List 2021-2024