

NEYLAND PETERSON

McDonald, TN 37353 • (423) 313-2353 • npeter20@vols.utk.edu
neylandpeterson.com • linkedin.com/in/neyland-peterson

EDUCATION

The University of Tennessee, Knoxville

Freshman pursuing a Bachelor of Science in Electrical Engineering

Graduation: May 2030

GPA: Not yet reported

McCallie School, Chattanooga

High School Education

Graduation: May 2026

GPA: 3.89/4.0

EXPERIENCE

Mesa Associates, Inc.

CAD Technician Intern

Chattanooga, TN

05/2026 – Present

- Edit and revise engineering drawings in AutoCAD, incorporating engineer markups, updating design changes, and ensuring all deliverables meet TVA standards and project requirements
- Perform on-site plant walkdowns at TVA facilities to document existing conditions, verify equipment locations, and translate field observations into accurate drawings
- Create and maintain detailed cable and conduit schedules, coordinating with engineers to ensure correct routing, sizing, and alignment with overall electrical design packages

Student Space Technology Association (SSTA)

Nanosatellite Sub-Team Member

Knoxville, TN

09/2026 – Present

- Selected for the nanosatellite sub-team developing a 12U satellite intended for submission to NASA as a secondary payload on the Artemis V mission (expected launch late 2028)
- Contribute to a mission designed to study how engine exhaust interacts with the lunar surface during landing, supporting safer future Moon landings
- Support electrical subsystem development for the satellite as a part of a multidisciplinary student team

Tennessee State Soccer Association

Referee

Chattanooga, TN

03/2024 – 07/2026

- Officiated soccer matches, ensuring compliance with rules and enhancing game integrity
- Facilitated communication with players, coaches, and spectators, fostering a positive game environment
- Consistently enforced game rules, reinforcing fair play and sportsmanship among participants

SKILLS & CERTIFICATIONS

- CAD Drafting
- Mentorship
- Event Coordination
- Arduino Programming
- Risk Management
- Java & Python

LEADERSHIP

Young Life

Leader

Chattanooga, TN

08/2024 – Present

- Mentor middle and high school students in faith-based exploration events and camps, fostering personal growth and community connection
- Facilitate interactive games and discussions, promoting fun and deeper understanding of spiritual concepts

Council of Community and Brotherhood

Member

Chattanooga, TN

08/2025 – 05/2026

- Created and led a service project for a local school, enhancing support for neurodivergent students
- Implemented equitable practices within high school community, fostering an inclusive environment
- Managed disciplinary cases involving students who violated discrimination policies, upholding community standards

HONORS & TESTING

Chancellor's Honors Program, Cook Grand Challenge Honors Program, Rocky Top Scholar, National Honor Society, AP Scholar with Distinction, Head of School List, Honor Roll, Faculty Recognition List, 34 ACT