

# LEVI CARROLL

LDCarroll42@gmail.com  
209.910.5384

## ELECTRICAL ENGINEERING, UNDERGRADUATE

---

### Profile

- Electrical engineering student at Tennessee Technological University.
  - Seeking an Electrical Engineering Co-Op or internship that will expand upon my real world experience.
  - Fields of interest are automation and power management, and hopes to develop those interests into a career that can make our lives more efficient and sustainable.
  - Quick learner, hard working, professional, and charismatic.
- 

### Education

- Tennessee Technological University - Cookeville, TN  
Electrical Engineering — 3.25 Major GPA
- Deans List
  - Institute of Electrical and Electronics Engineers (IEEE)
    - Webmaster
  - TTU Students for the Exploration and Development of Space (SEDS)
    - Rocketry Team
  - TTU Autonomous Robotics Club (ARC)
- 

### Experience

- Industrial Assessment Center (IAC) 2018-Present  
Undergraduate Assessor
- Affiliated with the Department of Energy (DOE) to conduct cost free, on sight, energy efficiency assessments.
  - Assessed a variety of facility including a two cycle power plant, a Nissan manufacturing facility, and a Bridgestone manufacture facility.
  - Authored reports concerning power factor correction, facility lighting, compressed air management, etc.
  - Learned principles of energy efficiency and smart manufacturing Industry 4.0 standards.
- 

### Technical Skills

C/C++	Python	HTML/CSS
Unix/GNU	MATLab	LTSpice
Logisim	Digital Design	Soldering
LaTeX	Arduino	Hardware Troubleshooting
Circuits Analysis	Microcomputer systems	Organizational Skills

---

### References

#### Charles L. Carnal, Ph.D., P.E.

Professor of Electrical Engineering  
Email: CharlesLC@tntech.edu  
Phone: (931) 260-6265

#### Glenn Cunningham, Ph.D.

Professor of Mechanical Engineering  
Email: gcunningham@tntech.edu  
Phone: (931) 372-3826