

Trey Core

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Active Security Clearance

Fort Worth, Texas



EXPERIENCE

- **Lockheed Martin**

Electronics Engineer - Fort Worth, TX

Worked on requirements, analyzed data to address deficiencies, updated documentation, mediated with suppliers, conducted lab testing, brought changes to board, worked with other teams to integrate features, created wiring diagrams

June 2019 on wards

- **Audubon Engineering**

Intern – New Orleans, Louisiana

Managed documentation and data for an instrumentation safety assessment of a chemical plant

Summer 2017

EDUCATION

- **Bachelors of Science, Electrical Engineering**

Louisiana Tech University

concentration: electronics

2019

AWARDS & RECOGNITION

- **Scholarship Recipient**

American Radio Relay League

2016

- **Scholarship Recipient**

College of Engineering and Science Scholarship

2017

- **Featured On Hackaday.com**

My electric scooter project was featured for innovative design

2019

SKILLS

- **Software**

Matlab, AutoCAD, Fusion 360, KiCAD PCB, Solidworks, Excel, EAGLE PCB

- **Languages**

C, Python, Verilog, HTML, LaTeX

- **Project Management**

Agile, Scrum, Kanban

PROJECTS

- **Electric Scooter**

built a lithium battery and PWM motor controller board for a scooter

- **Op Amp Chip**

built an Op Amp circuit using VLSI for a course project, semiconductor gates and internal chip layout were designed and manufactured

- **Battery Backup System**

built a control system for a back up power supply for senior design, they system monitored the lithium battery voltages and current, and actuated relays

OTHER HIGHLIGHTS

- Board Member, Lake Worth Sailing Club

HOBBIES & INTERESTS

- Electronics, Soldering, circuit board design
- Sailing
- 3D Printing, 3D Modeling
- Amateur Radio
- DIY Drones