** Dashiell Yount**

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 <http://dashiellyountportfolio.com/> (Works best on Computer)

**EDUCATION**

**Texas Tech University**, Lubbock, Texas Graduation: May 2025

*Bachelor of Science in Electrical Engineering* **GPA: 3.6**

**RELEVANT COURSE WORK**

Robotics lab 3331, Modern Digital Systems, Signals and Systems, Network Analysis,

Computational Thinking with Python, C Programming with Hardware Applications,

Microcontrollers with Assembly, Electronics, Circuits

**WORK EXPERIENCE**

**Essex Association Management**, Carrolton, Texas

*Intern* July 2022 - August 2022

* Intern at Essex Association Management, a homeowner’s association which owns over 150 properties.
* Worked intern in the Accounting Department and as a driver to verify properties were being kept up by owners.

**PROJECTS**

**Robotics Project Lab 3331**

* In this lab we are assigned in a team of 3 of our choosing and tasked with developing an autonomous rover using basys3 board and a L296N H-bridge.
* Utilizing Verilog HDL in creating a software and hardware current protection system. My goal is to design the hardware using Altium Designer, a PCB 3D Modeling program.

**Hydrogen Powered Nerf Gun**

* Currently building a generator that creates hydrogenated hydrogen that I plan on mounting onto a nerf gun. I plan on creating a brass chamber to compress the hydrogen then ignite it to fire a foam nerf dart.

**Repairing a 1995 Honda CBR Motorcycle**

* Using PCB designing and modeling skills I had learned on my own and my understanding of circuit analysis from class I am fixing the starter, headlights, brights, taillights, blinkers, hazards, and tachometer on a motorcycle bought off Facebook marketplace by designing a PCB to mount behind the headlight and rewiring the left handle control module.

**SKILLS**

* Technical Skills
	+ Intermediate programming skills in C, Python, and basic Verilog HDL
	+ Intermediate skills in PCB design using Altium Designer.
	+ Circuit Analysis
	+ LT Spice
	+ Fusion360

**INVOLVEMENT**

**Texas Tech Matador Powerlifting Club Team**

*Active Member* October 2022 - Current

* Competed and acquired 3rd Place in collegiate division at the Texas A&M Aggie show down USAPL competition.
* Plan to compete more this year.