**Kyle Hansz**

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**EDUCATION**

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

*Bachelor of Science in Electrical Engineering* **GPA: 3.541**

*Minor in Math*

**RELEVANT COURSEWORK**

**Study abroad – Costa Rica** Summer 2023

C Programming with Hardware, Signals and Systems, Electronics, Robotics Project Lab, Electromagnetic Fields I, Microcontrollers with C, Modern Digital System Design

**EXPERIENCE**

**DAC Engineering**, Houston, TX

*Data Analyst*  June-August 2022

* Gained valuable insights into the collaborative dynamics within the engineering community, both within an office environment and while working alongside peers in the field.
* Gained work experience and took over organizing and relaying the captured data of the job.

**Target**, Katy, TX

*Food Service, General Merchandise, Guest Advocate*  November 2019- August 2021

* Collaborated with a team of seasonal associates to orchestrate elaborate Christmas displays, enhance guest interactions, and ensure a seamless and enjoyable shopping environment.
* Oversaw the café and Starbucks section to proficiently cater to guests' food and beverage needs.
* Mastered register, guest services, and many other departmental positions.

**Smashburger**, Katy, TX

*Cashier and Cook* September2017- November 2019

* Welcomed guests and provided service in a friendly environment.
* Maintained awareness of guest needs and responded accordingly to ensure a positive experience.
* Understood menu option details to provide suggestions for guests.

**INVOLVEMENT**

**Alpha Kapa Psi**

*Active Member* 2023-Present

**PROJECTS**

**Robotics Project Lab**

* Using the L298 H-Bridge and the Basys3 board, we were tasked to create an autonomous robot to complete a task.
* Created and simulated overcurrent protection circuits to protect from voltage/current spikes. Integrated PCB designs into final project.

**Ultrasonic Levitation Device**

* Using an Arduino nano, L298N H-Bridge, and ultrasonic sensors/transceivers, created a device to suspend particles in midair.

**SKILLS AND RECOGNITION**

* Technical Skills
  + Advanced CAD, Basic C++ and Python, LTspice, circuit analysis, Microsoft Office,
* Awards and recognition
  + Multiple Deans list achievements: Fall 2021, Fall 2022, Summer 2023