

LANDYN FRYE

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Objective

To obtain an internship where I can further enhance my existing skills as well as challenge myself with new knowledge within the mechanical engineering field. I am motivated to apply the technical and theoretical theories learned in the classroom towards real world experiences.

Education

Northern Arizona University - Flagstaff Arizona

Expected Graduation December 2019

Bachelor of Science: Mechanical Engineering, Mathematics Minor

Work Experience

Advantage Real Estate and Appraisals, Chino

May 2015 – August 2015

Summer Intern

- Worked with a variety of business groups and assisted in document organization and dissemination during acquisitions
- Assisted in the development of a filing process to help the company stay organized
- Supported call and email communication with customers

Trans Masters Transmission & Auto, Encinitas

May 2016 – August 2016, May 2017 – August 2017

Summer Job

- Assisted in rebuilding and repairing transmissions
- Worked with customers in sales and communication with part vendors
- Worked with multiple types of cars in the area of servicing up to rebuilding motors and transmissions

Related Coursework and Projects

Engineers to the Rescue

November 2015

- Designed a mechanism that was strong enough and small enough to retrieve an object that was descended in a 100 ft. hole all while using limited supplies that were provided
- Successfully created a device with the provided materials that would retrieve the object on the first attempt without damaging the object
- This project required team work, communication and resourcefulness

Reverse Engineering

September 2017

- Led a team to reverse engineer a crank flashlight while being challenged to incorporate features that would update the flashlight.
- Assisted in the creation of material tables, was responsible for the mechanical disassemble and assembly of the flashlight once new features were identified
- Finalized the reassembly of the flashlight with no crippling hurdles while incorporating a stronger battery to insure lumens would be at their highest

Angry Birds Ping Pong Ball Launcher

December 2017

- Created a ping pong ball launcher that could shoot a minimum of 10 feet while being able to make it into small targets.
- Facilitated milestones and project managed the team to ensure that timelines and budget were met

Kinetic Sculpture

August 2018-December 2018

- Led a team of four engineering students to fulfill the clients need which was to design a Kinetic Sculpture for Northern Arizona University engineering building.
- Worked closely with the client to develop certain needs and objectives for the Sculpture
- Developed the Civil Engineering Principle for the model while also creating a full assembly of the Kinetic Sculpture in Solidworks.
- Finalized the Sculpture design and met all milestones and needs with the approval of the Client.

Leadership and Involvement

Residential Learning Community (RLC)

August 2015 - May 2016

Member

- Assisted in creating a comfortable environment for students of the same major to live and study amongst each other
- Network with graduate students to learn about their experiences and challenges and attend social and profession events with the others

Technical Skills

- Solid Works, Automotive Skills, Mat-Lab, welding, mill trained, and proficient in Microsoft Office Programs