
Chadrick Jennings

Contact Information:

Skills Summary

Throughout my coursework, I have gained knowledge, understanding and notable skills in these areas:

- Computer Aided Design (Solidworks)
- Technical Writing
- Microsoft Word and Excel
- Design Concept Generation
- Understanding of the Engineering Design Process
- Materials Science
- Thermodynamics
- Fluid Mechanics
- Machine Design

I have also gained relevant experience and skills in leadership and teamwork through the various jobs and projects listed below.

Education

High School Diploma | Cactus High School – 2016

GPA – 3.87

Currently Enrolled at Northern Arizona University

Seeking a Bachelor of Science in Mechanical Engineering

Senior

Current GPA – 3.59

Expected Graduation – December, 2019

Work Experience

Fountain of Life

Assistant Facilities Manager | May 2015 – July 2017

For this job, I assisted the Facilities Manager in maintaining the property of the Fountain of Life church, as well as repair and replace several plumbing, carpentry, masonry, and drywall jobs. I also lead other individuals in projects when the Facilities Manager was not present.

Discount Tire

Service Coordinator | October 2017-Current

In this role, I lead a team of individuals in the workflow of the store. I determined jobs to be completed by each team member, and ensured that the tasks were completed according to company standards. I also worked to change and rotate tires, fix flat tires, change wheels, and provide basic inspection of our customers' tires.

Projects

Bio-Prosthetic Aortic Heart Valve | Completed

For this project, I worked with a small team in order to establish parameters relating to the geometry and material of a bio-prosthetic. This project gave me notable experience in designing devices that can be used inside of the body. It also heightened my interest of joining the biomedical field after I graduate.

Capstone: Modeling of an Aneurysm in the Aorta- Iliac Bifurcation | Current

This project is sponsored by W.L. Gore. A small team and I are designing, building, and testing a replicable model of an aneurysm in the Iliac bifurcation for deployments of medical devices used to treat aneurysms.

Re-Construction of Electric Bass Guitar | Current

I am currently working on improving one of my electric bass guitars. I am re-finishing the wood on the neck, as well as re-wiring the electrical components to improve overall sound quality.

Awards and Acknowledgements

Certificate of Arizona Skill Standards | Advanced Construction Technologies

This certificate was presented to me after completing my third year of construction technologies during high school. It was administered by the Arizona Career and Technical Education Quality Commission.

Dean's List | Fall 2016-Fall 2018

I achieved this honor by completing each semester listed above with a GPA of 3.5 or higher.