

Tre Anthony DeRusha-Linhart

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MECHANICAL ENGINEER

Career Objective

Dedicated individual seeking an entry-level mechanical engineering position with a bachelor's degree from Northern Arizona University. I seek a position that allows for collaboration and the ability to utilize my education, creativity, and hard work to gain experience in the field.

Academic Courses

Materials Science, Dynamics, Statics, Thermodynamics, Mechanics of Materials, Physics, Calculus, Chemistry, Computer Science, Fluid Mechanics, Machine Design, Electrical Engineering, Engineering Analysis, Compressible Flow, Renewable Energy, Heat Transfer

Skills

SolidWorks, MATLAB, MS Office Suite (Word, PowerPoint, Excel), SAM, Arduino, technical report writing, communication, creativity, problem solving, detail attentive, collaboration, time management, customer service

Work Experience

Student Temp: Asarco Silver Bell Mine – 25000 W Avra Valley Rd, Tucson, Arizona **2021**

- Responsibilities included organizing, painting safety lines, maintenance, and stocking.

Merchandise Stocker: Walmart Neighborhood Market – 3925 E Grant Rd, Tucson, Arizona **2020**

- Responsibilities included stocking, packing, customer service, and organizing.

Office Assistant: Dental Dimensions – 7467 North Oracle Road, Tucson, Arizona **2019/2022**

- Responsibilities included filing, organizing, scanning, maintenance, cleaning equipment, customer service, and scheduling.

Education

Northern Arizona University – 1900 Knoles Dr, Flagstaff, Arizona **2019-2023**

- Mechanical Engineer BS: NAU Dean's List (Fall 2020, Fall 2021, Fall 2022)
- Cum. GPA - 3.31

Mountain View High School - 3901 W Linda Vista Blvd, Tucson, Arizona **2015-2019**

- High School Diploma: Mountain View Honor Roll (2015-2019)
- Unweighted GPA - 3.71

Engineering Senior Project **2022-2023**

- Competing in the 2023 Collegiate Wind Competition hosted by the Department of Energy
- Designing and manufacturing an offshore wind turbine anchoring system
- Develop new testing methods to validate the anchor's stability