

Tanner Bunch

Personal Info

Phone

602-527-5923

E-Mail

tjb526@nau.edu

Core Skills

- Project / Program Mgmt.
- Troubleshooting
- Product Fabrication
- Capability Optimization & Mgmt
- CAD Drafting/Drawing
- Creative Mindset/Artistic
- Field Experience
- Influencing with(out) Authority
- Machine Design
- Mechanics of materials
- Numerical Analysis
- Material Stress Analysis
- Thermodynamics
- Fluid Mechanics
- Compressible Flow

Software

- Solid Works
- Solid Edge
- Master Cam
- MATLAB
- Discord
- Microsoft Office Applications:
- Word
- PowerPoint
- Excel
- Teams
- One Note

References are available upon request.

Vision

To drive excellence by continually challenging myself and leveraging my brand of reliability, thought leadership, creativity, and problem solving.

Education

Cactus Highschool

- Achieved top 10 percent in the 2019 high school graduating class. GPA 4.42
- Awarded the Lumberjack scholarship (full tuition) at Northern Arizona University for academics

Northern Arizona University

- Currently enrolled through NAU's bachelor's in mechanical engineering program.
- Managing a cumulative 3.36 GPA through the course of 7 semesters at NAU
- Expected to graduate in 05/2023

Projects/Technical Expedience

SAE BAJA Capstone Team Project

- Design and model a manufacturable rear-end suspension that will be combined with a chassis to create a fully functioning Baja vehicle that will compete in multiple off-road obstacles at the end of May 2023

Renewable Solar/Wind Team Project

- Design and simulate wind power analysis and battery system to meet our client's electrical needs for an off-grid property

Job Experience

Bull Basin Archery, Inc.

05/14/2022- 08/28/2022

Summer Work:

- Worked on trouble shooting mechanical issues with archery equipment
- Back stocked products
- Worked as a cashier greeting customers and answering phone calls
- Gained an understanding for marketing products from supply and demand
- Worked on any projects needed to improve store quality

B & A Construction, Inc.

2018 - Present

Laborer:

- Demo and constructing interior and exterior walls, carpet, cabinetry
- Digging trenches and backfill holes to prepare the construction site
- Operating equipment/power tools/lathe and mill/heavy machinery
- Organizing and installing data cables
- Welding, grinding, and fabrication
- Assisting craft workers such as carpenters or electricians with their duties,

Ohlinger Industries, Inc.

05/10/2021 - 07/21/2021

Intern:

- Gained Knowledge of general machining and engineering on Aerospace parts
- Set up and helped operate CNC Turning Centers and CNC Machining Centers
- Developed experience with computer-aided design drafting and drawing model using Solid Edge software for future Ohlinger projects