

Dylan Morgan

1200 South Knoles Drive
302-222-5461
dpm222@nau.edu

Self-motivated, hard-working Mechanical Engineering student with broad foundation in engineering principles. Completes advanced academic projects demonstrating engineering support capability.

Skills

- Self-motivated and committed to personal learning
 - Strong Problem-Solving skills
 - Excellent communicator and team member
 - Proficient in MATLAB and SolidWorks
 - Skilled with power / hand tools
 - Proficiency working with sketches, specifications, and drawings
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Experience

NOVEMBER 2015 – PRESENT

Civil Affairs Specialist / US Army Reserve, Buckeye AZ

Identify critical requirements of local citizens in crisis situations. Facilitate communication and recovery efforts between civilians, governments, and other organizations to restore quality of life to civilian populace. Perform duties as junior leadership. Exceeded standards at JRTC training event.

AUGUST 2019 –PRESENT

Housing Assistant / Northern Arizona University, Flagstaff AZ

Performed general office duties, including answering multi-line phone system, routing calls, delivering messages to staff, and greeting visitors. Provide safe and secure environment through conflict mediation and policy enforcement. Guided students to integrate into both academic and social communities on campus. Operate standard size trucks while carrying loads. Replaced furniture as needed and established systems to repair furniture items in place instead of replacement.

MAY 2017 – AUGUST 2019

Facilities/Repairs / Old Tucson Company, Tucson AZ

Worked as a member of a team to build large projects for the Nightfall event from Auto-CAD style drawings. Assisted with logistical requirements for events and meetings. Implemented preventive maintenance on machines and equipment to optimize safety and operational quality.

Education

JANUARY 2017 - PRESENT

Mechanical Engineering / NAU, AZ

3.36 GPA, Senior class standing. Expected to graduate in Fall 2021. Has completed advanced coursework in SolidWorks CAD/CAM, Machine Design, Fluid Mechanics, and Compressible Flow. Current team member for S.A.E. Aero Project and a member of S.A.E. Baja since 2018. Has completed projects designing a machine jack, small winch, and active protection bicycle helmet. Currently working on designing small RC aircraft for capstone project within S.A.E. Aero competition rules. Intentions to pursue MEng and PE license in the future.