

Maia Warren

170 Pacific Ave, Apt 35 | San Francisco, CA 94111 | Phone: (925) 890-8820 | E-Mail: MaiaWarren@Yahoo.com

EDUCATION

Northern Arizona University, *College of Engineering, Informatics, and Applied Sciences, Flagstaff, AZ*, **GPA: 3.2/4.0**

Bachelor of Science in Mechanical Engineering, ABET accredited school

Graduation: Fall 2022

- Relevant Courses: Aerodynamics, Fluid Mechanics, FEA, Thermodynamics, Machine Design and Material Science, Auto Shop, Machine Shop, Numerical Analysis
- Awards: Dean's List 2019-2021 | Recipient: Blue Academic Scholarship

WORK EXPERIENCE

Machine Solutions (MS), *Mechanical Engineering Intern*

Flagstaff, AZ | February 2022 – Present

- A year's experience creating medical grade manufacturing and testing equipment through Solidworks customized for multiple device manufacturers using parts from the MS vault or drafting parts to redesign/enhance machine function
- Working as machines come in for order to correct, prepare and test virtual subassemblies and top level assemblies, and then assemble customized parts and test the machine

General Atomics (GA), *Student Project*

Flagstaff, AZ | January 2020 – Present

- Working with GA to create an HDRM that allows CubeSats to assume position once in orbit
- Beginning with Trade Study research and PDR, moving to CAD models, finishing with a fully functional prototype and CDR
- Collaborating with a group to begin GA's in-house HDRM development with a budget of \$5,000

PROJECT EXPERIENCE

Abbott Vascular 910-A, *Machine Solutions Project*

Flagstaff, AZ | January 2022 – Current

- Heated catheter lamination machine being customized for Abbott Vascular
- Project begins with replacing, mating, and assembling the 9'x4.5' machine using parts from the company vault or creating any necessary
- After revisions are complete, the machine is finalized through BOM reviews, drawings, exploded models, and subassembly/top level releases

SAE Aero Competition, *Junior Project*

Flagstaff, AZ | January 2021 – April 2021

- Designed a fully functional remote controlled airplane for the SAE Aero competition
- Aircraft with dimension requirements had to carry maximum mass in the fuselage and fit given cargo while flying a designated distance
- Used SolidWorks to model the design and then test the airplane launch and record the predicted length/height the airplane could remain in flight

Renewable Energy Car Model, *Junior Year Project*

Flagstaff, AZ | January 2021 – May 2021

- Created a model car made from household materials that ran on renewable energy and completed a series of tests
- The car had to make it through a designated distance once triggered, run on different terrains, and carry maximum weight

LEADERSHIP EXPERIENCE

Cheerleading President/Treasurer, *Cheer Team*

Flagstaff, AZ | March 2020 – March 2020

- Competed as an NCAA Division I collegiate athlete for four years
- Lead and coordinated every aspect of the NAU Cheerleading Collegiate Organization, including fundraising, scheduling, travel, and COVID-19 restrictions
- Employed a coach and lead a council of five while working with the head of the Athletics department and Club Association
- Took on leadership role and handled all funds and accounting for the NAU Cheerleading Organization
- Managed a \$100,000 annual budget with monthly team payments/member, filed nonprofit, EIN, and 1099 forms, and organized fundraising events throughout the year

SKILLS & INTERESTS

Software: Revit, Civil 3D, AUTOCAD, AUTODESK, MATLAB, SolidWorks and ANSYS

Hardware: Vertical Mill, Lathe, Bandsaw, Water Saw, 3D Printing, Calibrator and Soldering