

Jonathan Armijo

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Summary

Motivated college student graduating with a bachelor's in mechanical engineering that has worked in numerous group projects within a leadership role and has strong experience working with outside clients and leading presentations. Looking for a full-time engineering position where I can apply both my professional and technical skills as well as garner useful experience that will aid me throughout my career.

Education

Northern Arizona University (August 2018 – May 2022)

- Bachelor of Science in Mechanical Engineering

Experience

Intro to Engineering Design Teaching Assistant (August 2021 – Present)

- Review work submitted by students and provide feedback/assistance to help improve their experience in the class. Communicate effectively with professor to ensure class runs smoothly.

Walmart Fresh Produce Associate (March 2019 – Present)

- Working within a team to maintain the shelf availability of produce as well as cleanliness. Engaging with customers to answer questions on merchandise.

MCAS Iwakuni DPRI Internship

December 2017 – March 2018

- Internship on-board Marine Corps Air-Station Iwakuni, Japan working with the DPRI architectural design team to understand how to properly plan and design for the construction of buildings around the installation.
- Utilized CAD software and drawing schematics to review and design different construction projects.
- Demonstrated how to work alongside multiple disciplines to complete a project.

Projects

Senior Capstone (August 2021 – Present)

- Northrop Grumman Space Systems sponsored project designing a retraction system for the umbilical cables that attach to launch vehicles prior to takeoff. Main goals are to replace current single-use system with a more reliable and reusable one.
- Project manager in charge of maintaining professional contact with client and keeping team organized and focused.

Research (February 2018 – March 2018)

- Research on waste heat recovery systems utilizing the Peltier effect at the University of Tsukuba located in Tsukuba, Japan. Worked with a group of students from schools across Japan to setup and carry out experiments.
- Concluded with a group presentation to University of Tsukuba faculty as well as DoDEA Pacific board members.

Technical Skills

- **Applications:** MATLAB, Microsoft Office, SolidWorks, Website development with HTML/CSS
- **Machining:** Band saw, Angle grinder, Lathe, Mill
- **Professional:** Technical Writing, Project Management, Professional presentation skills