

Adriana Fisk

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EDUCATION:

Northern Arizona University , Flagstaff, AZ	Anticipated Graduation: December 2025
Degree: B.S. Multi-Disciplinary Engineering	GPA: 3.2
University of Arizona , Tucson, AZ	August 2019 – May 2023
Degree: B.S. Mechanical Engineering	
Minors: American Sign Language and Classics	
Pima Community College , Tucson, AZ	June 2017 - May 2023

RELATED EXPERIENCE:

Course Teaching Assistant , Northern Arizona University, Flagstaff, AZ	August 2023 - Current
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- Assisted students in learning and applying CAD design concepts in SolidWorks
- Graded assignments, projects, and exams, ensuring accurate and timely feedback
- Ensured students adhered to best practices for part modeling, assembly creation, and design visualization

Product Integration & Test Engineer Intern , Raytheon Technologies, Tucson, AZ	May 2024 - July 2024
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Held Secret Clearance

System Integration & Test Engineer Intern , Raytheon Technologies, Tucson, AZ	June 2023 - August 2023
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- Partnered with cross-functional engineering teams to conduct dry runs and achieve successful telemetry capture in a controlled laboratory environment
- Designed and iterated on a flight test tool, enhancing its model using Creo for improved functionality and accuracy
- Delivered a comprehensive presentation to senior leadership, highlighting the achievements and impact of the developed flight test tool

Video Editor and Animator , University of Arizona, Tucson, AZ	October 2022 - May 2023
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- Developed a detailed project timeline to effectively animate ancient paintings, ensuring timely completion and high-quality results
- Collaborated with a multidisciplinary team to distribute tasks efficiently, optimizing workflow and enhancing project productivity
- Applied advanced Photoshop techniques to initiate the animation process, laying the foundation for dynamic visual content

Environmental Test Engineering Intern , Raytheon Technologies, Tucson, AZ	May 2022 - August 2022
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- Conducted comprehensive testing to assess the durability and longevity of various missile systems by developing shock and vibration profiles
- Analyzed and characterized High-Frequency Shock profiles using the Drop Tower machine, leveraging Excel and MATLAB for data processing and analysis
- Designed and re-engineered test fixtures in Creo, repurposing and optimizing older models to support future testing requirements

PROJECTS:

Flight Test Alignment Tool , Raytheon, Tucson, AZ	Summer 2023
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- Collaborated with a senior engineer to modify and optimize a tool designed for in-field testing, ensuring enhanced performance and reliability
- Improved the tool's design for 3D printing by implementing a stronger material to increase durability and functionality

INVOLVEMENT:

Co-Founder , American Sign Language (ASL) Club	Spring 2022
Tutor , University of Arizona	Spring 2021
Volunteer , Arizona School for the Deaf and Blind	Fall 2018 – Fall 2020
Volunteer , Make a Wish Foundation	Summer 2016 – Summer 2018

RELATED COURSEWORK:

Thermodynamics, Dynamics, Statics, Dynamic of Machines, MATLAB, Differential Equations, Vector Calculus etc.

SKILLS:

Creo, MATLAB, SolidWorks, Manufacturing, Prototyping, AutoCAD, Digital Art, Photoshop, Blender, Unreal Engine