
SAMUEL ALEJANDRO LARIOS JR.



824 W Route 66 Flagstaff, AZ | +1 (602) 349-2767 | alarios0310@gmail.com | [Linkedin.com/in/Samuel-larios-938a95196](https://www.linkedin.com/in/Samuel-larios-938a95196)

EDUCATION

Northern Arizona University, AZ Mechanical Engineering 2019-2023 (est.)

Current GPA: 3.24

LANGUAGE

Fluent in both English and Spanish.

CORE SKILLS

- Mastercam (HAAS)
- Mill Trained
- 3D Printing
- CAD Modeling (SolidWorks)
- CAD Drawings (SolidWorks)
- MATLAB (Coding)
- Pressure Mangement/Teamwork
- Problem-Solving
- Attention to Detail
- Microsoft Word, Excel, PowerPoint

TECHNICAL EXPERIENCE

SAE BAJA Capstone Project

- My sub-team and I are tasked to design and model a manufacturable rear end suspension that will coexist with the frame built as well as working with the rest of our team to have a fully functioning Baja that will compete in the 2023 SAE Baja Oregon competition. Participants are top Engineering schools including University of Michigan, Purdue University and Cornell.

SAE Aero Design

- Designed and modeled a manufacturable electronically propelled fixed wing aircraft and designed to carry a required payload with specified constraints. Throughout the semester, I took responsibility for designing the wings of the aircraft. Calculated the lift, drag, and airfoil utilized. SolidWorks was the tool used to model the wings.

W.L. Gore Project

- Demonstrated design and creativity to develop a mechanism using specialized fiber manufactured by GORE to retrieve a toy dog from a trash can without touching the trash can's diameter and the obstacles within the can. Received extra credit by maintaining low project costs.

Renewable Solar/Wind Project

- Working alongside a team of 20 students, my sub- team designed and simulated a wind driven battery system, that exceeded our clients' requirements.

WORK EXPERIENCE

Service Advocate/Trainer, Target; Flagstaff, AZ April 2020-Present

Uses initiative and customer service skills to enhance the customers shopping experience. Utilized service training to drive app adoption, usage, and guest loyalty. Awarded leadership roles and have been recognized as an efficient employee in fast-paced environments. Leadership responsibility for front of store efficiency, coordinating co-workers' breaks/lunches, and quality customer care. Able to handle multiple issues and successfully resolve guest issues while demonstrating patience and respect for all customer interactions.

*** References available upon request.**