

Cooper Williams

cww2024@gmail.com / (530) 723-2325

- CAD Experience: SolidWorks, Catia, AutoDesk
- Skills: Communication, detail oriented, and critical thinking
- Willing to take risks and assess learning opportunities.

Experience

NovaKinetics AeroSystems & Kinetic Defense – *Production Engineer Internship*

May 2023 - Present

Responsibilities include:

- Contributed to fulfilling Purchase Orders from L3 Harris, MD Helicopters, Air Tractor, & more.
- 700 hours working with many different composites in both the prepreg and wet layup departments.
- Start-to-Finish vehicle panel armoring: MD Helicopters, Air Tractor, Precision Air to meet ITAR standards.
- Use Job Traveler to meet AS9100 quality standards during component production.
- Use a number of different prepreg composites to produce vehicle panel armor.

NAU SAE BAJA Senior Capstone Project – *Frame Sub-Team Lead, Composite Engineer*

August 2023 - Present

Responsibilities include:

- Meeting technical frame requirements for SAE BAJA competition.
- Set objectives and outline plans to meet deadlines.
- Iterate rear suspension, front suspension, and drivetrain integration.
- Intensive SolidWorks CAD Modeling.
- Fabrication of frame, safety systems, fuel system, and body paneling.
- Close quarters coordination with other sub-teams to produce competitive vehicle.

CACI (Formerly Ascent Vision Technologies) — *Production Engineer Internship*

May 2021- July 2021

Responsibilities include:

- Prepare Chevrolet Colorado Bison for X-MADIS conversion.
- Sort and install radars, jammer, antenna, and a power source.
- Install radar and gimbal pedestals.
- Assist with the verification of 5-axis gimbal function.
- Analyze production process to improve efficiency.

Sun Valley Rice – *Production Intern*

June, 2017– July, 2017

Responsibilities include:

- Coordinating project definition with Production Manager
- Wrote a Standard Operating Procedure for recording, transferring, and identifying packaging department outliers in order to increase department efficiency.
- Identified and quantified another improvement in the packaging department production line to improve efficiency.

Education

Northern Arizona University, Flagstaff, AZ – *Mechanical Engineering*

GPA-3.63

August 2019 – Expected May 2024