

ANDREW CONNOR

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EDUCATION

B.S. Aerospace Engineering

Expected Spring 2027

University of Central Florida, Orlando, FL

GPA: 3.3

Relevant Coursework: *System Dynamics & Controls, Orbital Mechanics, Aerodynamics, Fluid Mechanics, Thermodynamics, Design and Analysis of Aerostructures, Numerical Methods*

EMPLOYMENT

Conti Federal Services – *Quality / Manufacturing Engineering Intern*

May 2025 – Aug 2025

- Performed daily inspections of mechanical assemblies, identified nonconformances against engineering drawings, and recommended corrective actions.
- Prepared over 10 engineering reports and reviewed 20+ submittals and RFIs. Documented findings and maintained quality standards on a federal military construction project.

Adjuvo Technologies – *Manufacturing Engineer Intern*

May 2024 – May 2025

- Managed build progression for military training systems from drawing release to final assembly readiness, maintaining schedule alignment and resolving production constraints.
- Translated detailed engineering drawings into structured kitting plans and assembly workflows, improving configuration control and build readiness across 25+ programs.

LEADERSHIP EXPERIENCE

Air Force ROTC – *Leadership & Professional Development*

Aug 2025 – Dec 2025

- Selected for Air Force ROTC training program, developing leadership, discipline, and followership skills through structured academics and military training.
- Served as a Class Leader for 18 cadets, responsible for communication, accountability, and coordination between a cohort of cadets and cadre.

Intern Team Leader – *Lean Manufacturing Capstone Project*

May 2025 - Aug 2025

- Led a team of eight interns in developing a corrective action framework to improve lean manufacturing training and implementation across project sites internationally.
- Directed weekly strategy meetings, delegated tasks, and ensured deliverables met executive standards. Reported project progress to Intern Program Supervisor.

PROJECT EXPERIENCE

Design & Build Engineering Project – *Team Lead*

Jan 2023 – Apr 2023

- Led a team in researching, prototyping, and constructing a small model boat meeting performance and payload constraints.
- Evaluated structural configurations, material selection, and stability tradeoffs to improve reliability and flexibility while adapting designs in response to testing results and unexpected failures.

Conti Federal Intern Capstone – *Team Leader*

May 2025-Aug 2025

- Collaborated with a team of eight interns to evaluate and implement Corrective Action Processes across key business operations; delivered strategic recommendations in a Capstone Presentation to C-suite executives.
- Selected as Team Leader; partnered with Project Advisor to define project objectives, coordinate meetings, and deliver regular progress updates and feedback.

SKILLS AND OTHER RELEVANT INFO

- CAD: SolidWorks, Introductory FEA & Ansys
- MATLAB, Simulink
- Microsoft Office (Word, PowerPoint, Excel)
- Coding: Python, C
- Member of Knights Experimental Rocketry (2022)
- Volunteer Assistant Little League Coach (2022)
- PC Building and Hardware Configuration
- Quick Learner with Strong Problem-Solving Skills

Professional references available upon request