

Abigail Clark

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Education

Georgia Institute of Technology | Atlanta, GA, USA

May 2027

Bachelor of Science in Aerospace Engineering, GPA 3.25/4.00

- *Previous Relevant Coursework:* Thermodynamics, Fluid Fundamentals, AE Technical Communications, Experimental Method Labs, Differential Equations, Aerodynamics, Deformable Bodies, and Vehicle Performance.
- *Current Relevant Coursework:* Jet Propulsion and System Dynamics and Vibration.

Skills

SOLIDWORKS

MATLAB

Microsoft Office

Leadership

Adaptability

Communication

Teamwork

Fast Learner

Experience

The FarmZone Grooming and Pawsbnb

Rock Spring, GA

Pet Hospitality Specialist

January 2023 – June 2023; June 2024 – August 2024

- Kept a safe and clean environment for pets, including regular cleaning and disinfection of pet areas
- Established trusting relationships with pet owners and provided regular updates about their pets
- Managed work environment alone

Projects

Skyack – A SOLIWORKS Project – Co-Designer

August 2024 – December 2024

A team consisting of myself and four others designed a multi-use rotorcraft for a semester-long class project.

- In the planning stages, we decided to build a rotorcraft that could be used for recreational purposes to taxi purposes and also have possible use in racing applications. Before using CAD, we planned out all of the subassemblies and divided the work and then sketched each part.
- Designed multiple assemblies, consisting of gear shifts, emergency brake, a fire extinguisher, flight computer, and a mini refrigerator in CAD on SOLIDWORKS.
- Developed engineering drawings in SOLIDWORKS of each subassembly and each part with dimensions.
- Helped complete the final assembly containing over 80 components.

Yellow Jacket Aviation | Engineering Sub-team Member

January 2025 – Present

Goal is to collaborate to build a Van's RV-14 Experimental Aircraft

- Founding Member
- Currently still in the inventory stages of the empennage and awaiting training to be able to start the building process

Activities

The Navigators at Georgia Tech

June 2023 – Present

Leadership Member and Social Media Manager

- Constantly engaging with students to provide a welcoming, team-building environment
- Member for over two years, elected Social Media Manager April 2025
- I create graphics to advertise and recap all our events, as well as seek out new students to engage with the organization
- Collaborate with staff and other officers to coordinate when and where events are being held.