

## **Chandler T. Taylor**

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**Objective Statement:** Enthusiastic and driven Mechanical Engineering student with a strong passion for rocketry and space exploration. Experienced in CAD, Composites, and Systems integration through NASA's NCAS program, Team Leadership, and Aerospace Industry exposure. Ready to apply technical skills and project experience to internships in aerospace and defense.

### **Education**

#### **NASA COMMUNITY COLLEGE AEROSPACE SCHOLARS (NACS) ALUMNI 2023-2024**

- Selected as 1 of 120 students Nationwide for Mission Three.
- Researched Exploration Systems Development Mission Directorate (ESDMD) for Mission One
- Served as Systems Engineer, designed and integrated components for human exploration of the lunar south pole

#### **SALT LAKE COMMUNITY COLLEGE (SLCC) 2020 – Present**

- Founder & President of SLCC's Rocketry Club, guided members through Tripoli Level 1 – 2 Certifications
- Pursuing a Bachelor of Science in Mechanical Engineering, emphasis in Systems Engineering

#### **UTAH ROCKETRY CLUB (UROC) 2022 – Present**

- Currently researching Solid Rocket Motor Development
- Certification level 2 obtained – 2024

### **Skills**

- Proficient in SolidWorks
- Proficient in MATLAB
- Experienced in 3D printing and prototyping
- Strong Communication Skills
- Proficient in Microsoft office suite
- Problem Solving

### **Experience**

#### **INSTRUMENT CONTROL CENTER: 2022-PRESENT PROJECT ASSISTANT**

- Modeled in Autodesk Inventor electrical panels
- Drafted technical electrical plans with Bluebeam for field use
- Meet deadlines in required timeframes

#### **FEDEX: 2022-2022 FREIGHT HANDLER**

- Forklift operation in a high paced environment
- Ensured quality and accuracy of package deliveries

#### **ALBANY AEROSPACE COMPOSITES: 2020-2022 SHIPPING AND RECEIVING.**

- Obtained time management skills to ensure the shipping of items on time with quality.
- Learned how to manage and stock inventory for production via inventory counts.

