

# Jadon Kaercher

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## EDUCATION

MS	Aerospace Engineering	Texas A&M University	<b>GPA:</b> 3.0	05/23
BS	Mechanical Engineering	Tennessee Tech University	<b>GPA:</b> 4.0	05/21
	High School Diploma	Faith Heritage (Millington, TN)		05/17

## PROFESSIONAL AND RESEARCH EXPERIENCE

7/2021-present	<b>Aerospace Human Systems Laboratory (AHSL)</b> Advisor: Dr. Bonnie J. Dunbar Graduate Research Assistant (GAR) researching two phase fluid dynamics in partial gravity environments.
6/2020-8/2020	<b>Department of Defense (DOD)</b> United States Air Force Premier College Intern (PCIP) at Arnold Engineering Development Complex (AEDC)
8/2019-8/2020	<b>Undergraduate Research</b> <span style="float: right;">Cookeville, TN</span> Advisor: Dr. Jiahong (John) Zhu Assisting in the development of thermal coatings for solid state, high temperature fuel cells
12/2017-8/2019	<b>Diversified Conveyors International (DCI)</b> <span style="float: right;">Memphis, TN</span> Engineering Intern Drafting, 3D Inventor modeling, Asset creation, Autodesk ILogic programming, and intern management
10/2018-10/2019	<b>HydraCorp Technologies, Inc.</b> <span style="float: right;">Cookeville, TN</span> Independent Contractor Designing and testing of an advanced 3D printer

## HONORS, AWARDS, AND SCHOLARSHIPS

2016	Eagle Scout Award.
2017	Academic Service Scholarship, Renaissance Engineering Scholarship, TN Scholar.
2020	Captain William Lafayette Anderson Endowed Scholarship for Mechanical Engineering.
2020	Department of Defense Secret security clearance.

## ACTIVITIES

2020	Treasurer and Design Lead for my Air Force funded Senior Design team.
2018	Tennessee Tech's Baja SAE racing team's welder (GTAW/TIG) and Lead Mechanic.

## MEMBERSHIPS

08/2017- 05/2021	Tennessee Tech Honors College
12/2019-present	PI TAU SIGMA Mechanical Engineering Honors Society
04/2020-present	TAU BETA PI Engineering Honors Society

**REFERENCES** – References can be provided on request.