

## Jonathan Martini

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Github.com/jsmartini

<b>Education</b>	<b>Bachelor of Science in Mechanical Engineering</b>	<b>May 2022</b>
	<b>Minor in Aerospace Engineering</b>	<b>May 2022</b>
	<b>Master of Business Administration</b>	<b>May 2023</b>
	The University of Alabama, Tuscaloosa AL	
	Honors College	
	Cumulative GPA: 3.65	
<b>Skills and Experience</b>	C, C++, Python3, Solidworks CAD, Windows, Linux, FreeBSD, Microsoft Office, FreeCAD Scripting, Tensorflow 2.0, Pandas, Numpy, Alpaca Trading API, Matlab, Julia, Git	
<b>Technical Projects</b>	<b>ARA: Avionics Telemetry System:</b>	
	<ul style="list-style-type: none"><li>Developed a radio interfacing and data serialization python3 library for the FreeWave Zumlink Z9 radios. (Github)</li></ul>	
	<b>ARA: Part Scripting Program for 3D CAD Models:</b>	
	<ul style="list-style-type: none"><li>Wrote software to take CEA data to auto generate rocket engine cad models for SolidWorks and automate the design process for the propulsion team. (Github)</li></ul>	
<b>Work Experience</b>	<b>Lowe's Outdoor and Garden Associate</b>	Erlanger, KY
	May—August 2019	
	<b>St. Henry District High School</b>	Erlanger, KY
	May—July 2017	
<b>Campus Involvement</b>	<ul style="list-style-type: none"><li>Alabama Rocketry Association (ARA)</li></ul>	Fall 2019—Present
	<ul style="list-style-type: none"><li>(ARA) Deimos IREC Team Project Manager</li></ul>	Spring 2020—Present
	<ul style="list-style-type: none"><li>(ARA) Ares 2020 Avionics Team member</li></ul>	Fall 2020—Spring 2020
	<ul style="list-style-type: none"><li>(ARA) Ares 2020 Powerhead Team member</li></ul>	Spring 2020
	<ul style="list-style-type: none"><li>Alpha Delta Phi Brotherhood Chair</li></ul>	Spring 2020—Present
	<ul style="list-style-type: none"><li>Golden Key Honour Society</li></ul>	Fall 2019—Present
	<ul style="list-style-type: none"><li>Alabama Machine Learning Club</li></ul>	Fall 2018—Present
	<ul style="list-style-type: none"><li>ASME Member</li></ul>	Fall 2018—Present
	<ul style="list-style-type: none"><li>AIAA Member</li></ul>	Fall 2018—Present
	<ul style="list-style-type: none"><li>Alabama Club Crew Team</li></ul>	Fall 2018—Spring 2019