

# Anthony Bertoni

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## Education

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<b>Georgia Institute of Technology</b> – Atlanta, GA	Expected graduation May 2024
Candidate for Bachelor of Science in Aerospace Engineering	
GPA 4.0	Major and Cumulative
Completed 4 semesters	
<b>Belton-Honea Path High School</b> – Anderson, SC	May 2020
High School Diploma, Honor Graduate	
GPA 5.096/5.0	
Regional Star Student in Mathematics Award	
<b>Anderson Career and Technology Center</b> – Anderson, SC	May 2020
Completion of Engineering Program, Honor Graduate	
GPA 4.0	
Aerospace Engineering Star Student Award	
Career and Technology Center Student of the Quarter	Awarded three times

## Skills

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<b>Software:</b>	SolidWorks, MS Excel, MS PowerPoint, Autodesk Inventor Certified User
<b>Programming:</b>	MATLAB, Java, LabView
<b>Relevant:</b>	Experience in Design, Integration, and Testing of a Gas Turbine Engine, Model based design experience, Signal Processing, Navigation, Modeling Dynamic Systems
<b>Instrumentation:</b>	Strain gauge, Oscilloscope, Voltmeter, Optical Shaft Encoder, NI-DAQ, Pitot-Static Tube, Thermo Couple, Wind Tunnel
<b>Communication:</b>	Presentations, Research Paper, Engineering Notebook
<b>Personal:</b>	Integrity, Attention to Detail, Responsibility, Problem Solving, Teamwork
<b>Music:</b>	Singing, Piano, Xylophone

## Leadership

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<b>Varsity Soccer Team Captain</b> – Anderson, SC	November 2019 – March 2020
▪ Led practice five days a week	
▪ Managed and motivated the team throughout the season	
<b>Georgia Tech Catholic Center Freshman Events Coordinator</b>	June 2021 - Present
▪ Organize and run an average of two events per month	
<b>Newspring Church Kids Ministry Volunteer</b> – Anderson, SC	January 2016 – Present
▪ Mentored elementary aged kids weekly	
▪ Acted in a recorded skit sent around the world	
<b>Intramural Soccer Captain - Georgia Tech Catholic Center</b>	October 2021 – November 2021
▪ Made coaching decisions throughout the season	

## Research Experience

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<b>Georgia Tech Aerospace Systems Design Laboratory</b>	August 2021 - Present
▪ Gas Turbine Engine Research and Design	
▪ Mission is to improve Thrust to Weight ratio for JetCat engine	
▪ Presented progress to GT ASDL and Air Force	

## **Job Experience**

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### **Part time Job, Soapie Shoppe – Anderson, SC**

January 2015 – Present

- IT Support and Shipping Expert

## **Projects**

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### **Senior Engineering Robotics Group Project – Career and Technology Center**

August 2019 –

January 2020

- Authored a rulebook for custom VEX robotics game
- Crafted playing field and robots with teammates

### **Aerospace Engineering Project – Career and Technology Center**

March 2019

- Designed and built a model rocket engine test stand
- Extracurricular project for my Aerospace Instructor