

SUMMARY

Seeking an RHA Executive Board Position where I can bring my drive and strong work ethic to impactful projects around campus.

EDUCATION

Georgia Institute of Technology , Atlanta, GA	Aug 2022– May 2026 (anticipated)
<ul style="list-style-type: none"> Candidate for Bachelor of Science in Mechanical Engineering Provost Scholar 	GPA 4.0
Woodbridge Senior High School , Woodbridge, VA	Aug 2018-June 2022
<ul style="list-style-type: none"> Advanced High School Diploma 	GPA 4.544/4.0

SKILLS

Experience:	Project Management, Leadership, Communication, Presentation, Design, Critical Thinking, Problem-solving
Design:	Othographic Hand Sketching, Computer Aided Design (CAD), 2D and 3D Modeling and Assemblies, Renderings
Software:	Autodesk Inventor, Autodesk Revit, Onshape, Solidworks, TinkerCAD, Multisim, Matlab, V-Python, Arduino
Instrumentation:	Drill, 3D Printer Laser Engraver, Bandsaw, Soldering, Pipetting, Titration, Spectrometry, Calorimetry

EXPERIENCE

Stantec , Arlington, VA	June 2023-Aug 2023
Mechanical Engineering Intern	
<ul style="list-style-type: none"> Worked on projects involving HVAC, plumbing, and wastewater design, designed fire protection systems. Conducted site visits to review progress on ongoing projects. 	
Georgia Institute of Technology , Atlanta, GA	Oct 2022-Dec 2022
Excel Academics Tutor	
<ul style="list-style-type: none"> Prepared study materials for a student with mental disabilities, modified tests, and helped student master class material. 	
Professional Affiliations:	
<ul style="list-style-type: none"> Tau Beta Pi Engineering Honor Society, Pi Tau Sigma Mechanical Engineering Honor Society American Society of Mechanical Engineers, National Society of Black Engineers 	Nov 2023-Present May 2022-Present

PROJECTS

Creative Decisions and Design Team Project , Atlanta, GA	Sep 2023-Nov 2023
As part of a team, designed, fabricated, and programmed a robot using QFD and CAD to complete five tasks for a final competition.	
Stantec Summer Internship Project , Arlington, VA	June 2023-Aug 2023
Designed the HVAC, plumbing, & fire protection systems for the Audubon Society of Connecticut coastal resiliency hub.	
<ul style="list-style-type: none"> Worked with interns and professionals across disciplines on final building design and final client presentation. 	
Introduction to Engineering Design Team Project , Atlanta, GA	Fall 2022
Worked as a team to design and virtually prototype a flying firefighting drone using drafting and CAD. Wrote presentation & report.	
Project Lead the Way Engineering Program Senior Capstone Team Project , Woodbridge VA	Aug 2021-June 2022
Collaboratively designed and prototyped the electrical and mechanical components of a foot pedal-operated, sheet-music turner.	
Eagle Scout Service Project , Woodbridge VA	June 2021-Aug 2021
Designed, fundraised, planned, and led volunteers in building four garden beds and a rain barrel stand for the school Ecology Club.	

LEADERSHIP

Pi Tau Sigma Mechanical Engineering Honor Society, VP of Operations , Atlanta, GA	Nov 2023-Present
<ul style="list-style-type: none"> Involved in planning events for the Spring 2024 semester. 	
Georgia Tech Residence Hall Association Community Council, Finance Coordinator & Auditor , Atlanta, GA	Aug 2023-Present
<ul style="list-style-type: none"> Support and organize dorm and campus events. Manage the dorm budget and expenditures, oversee reimbursements. Process over 1,000 EAFs for all the community councils across campus. 	
Wrestling Club @ Georgia Tech, Treasurer and Founding Member , Atlanta, GA	Apr 2023-Present
<ul style="list-style-type: none"> Manage finances, create the budget, apply for university funding, make presentations, support club onboarding process. 	
Boy Scouts of America, Eagle Scout and Adult Leader , Woodbridge, VA	Aug 2015-Present
<ul style="list-style-type: none"> Eagle Scout (Oct. 2021-Present): Accomplished after seven years of continuous and progressive leadership responsibilities in various positions. Managed the troop during the pandemic with transitions to virtual and back to in-person meetings. Assistant Scoutmaster (May 2022-Present): Mentor scouts; support Scoutmaster with troop operations. 	
Battle At the Bridge Wrestling Tournament, Co-Event Manager , Woodbridge, VA	Dec 2022 & 2023
<ul style="list-style-type: none"> Managed logistics for two-day tournament. Organized an efficient system to weigh in 800+ wrestlers with 50+ teams. Oversaw scoring tables, managed volunteers, supported referees and coaches, organized medal ceremonies, etc. 	
Woodbridge Senior High School Wrestling , Woodbridge, VA	Dec 2018-Aug 2023
<ul style="list-style-type: none"> Served as Alumni Coach during summer club practice. 	
Immanuel Anglican Church , Woodbridge, VA	Nov 2015-Aug 2023
<ul style="list-style-type: none"> Volunteered with several ministries including the worship band, community events, and altar service. 	