

# Gabriel Buggi

U.S. Citizen

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## EDUCATION

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**Georgia Institute of Technology (GT)**, Atlanta, GA August 2025 - Present  
*Bachelor of Science in Aerospace Engineering*; GPA: 4.00/4.00; Expected Graduation: 2029

**Lincoln East High School (EHS)**, Lincoln, NE August 2021 - May 2025  
*Summa Cum Laude*; Cumulative GPA: 4.00/4.00; Weighted GPA: 4.47/4.00

## EXPERIENCE

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**Immanuel: Grand Lodge**, *Server* (20hrs/week on academic breaks) February 2023 – Present

- Manage up to 22 residents simultaneously
- Greet residents, take drink orders, take dinner orders, and bring appetizers
- Check in periodically, ensuring high satisfaction
- Reset tables and complete closing duties

**Southeast Analog (GT)**, *Member at Large – Public Affairs Officer* (20hrs/week) September 2025 – Present

- Make high-level decisions amongst organization heads regarding astronaut selection, analog mission site, and mission design
- Develop and facilitate astronaut selection evaluation methods
- Coordinate professional development, such as headshots, networking gala, and publicity
- Train to be a Public Affairs Officer flight controller in the mission control center for the inaugural mission
- Plan, create, and post content to Southeast Analog's social accounts
- Build and grow the brand of Southeast Analog
- Conduct organization outreach for recruitment and sponsorship purposes
- Manage Southeast Analog ads and marketing
- Connect interested individuals to Southeast Analog through direct messages
- Inaugural mission occurring August 2026

**Ramblin' Rocket Club – High Altitude Balloons (GT)**, *Structures Team Member* (2hrs/week) September 2025 - Present

- Designed safety mechanisms for nichrome-wire cutdown device used to deploy recovery system and safely retrieve payload
- Designed and manufactured payload casing and sliding door mechanism to reinforce load-bearing supports and allow for easy and secure loading of payload
- Weather balloon set to deploy to 100,000 ft in March 2026

**Daniel Guggenheim School of Aerospace Engineering (GT)**, *Ambassador* (2hrs/week) February 2026 - Present

- Connect with and support prospective aerospace engineering students in their application and enrollment processes
- Provide educational tours of the aerospace facilities
- Volunteer at various aerospace engineering events

**The Oracle (EHS)**, *Staff Writer* (8hrs/week) August 2024 – May 2025

- Pitched and developed eye-catching stories
- Identified and interviewed potential leads
- Practiced and improved photography skills to produce images for articles
- Wrote and formatted articles to fit Associated Press (AP) standards
- Designed layouts for newspaper prints

**We the People: Constitution Competition (EHS)**, *Unit 5 Team Member* (8hrs/week) August 2024 – May 2025

- Studied and researched Supreme Court cases and the U.S. Constitution to answer legal questions pertaining to the Bill of Rights
- Prepared six-minute speeches and testified for eight minutes without notes in front of panels of judges
- Won the 2024 Nebraska State Constitution Competition
- Represented Lincoln East High School at the 2025 We the People: National Finals in Washington, D.C.

**Spartan Marching Band (EHS), *Social Media Manager* (2hrs/week)**

August 2023 – May 2024

- Produced weekly content to engage members of the marching band
- Came up with new ideas to increase interactions, such as Musician of the Week posts
- Showcased upcoming events, such as marching festivals and special performances

**Lincoln Public Schools StudentVote (LPS), *District Ambassador* (1hr/week)**

August - October 2022 & 2024

- Prepared promotional videos with local & state politicians, building professionals, and scholars
- Acted in 2024 “How to Vote” promotional video with the other ambassador & superintendent
- Presented to Lincoln Public Schools Board of Education
- Announced results on KFOR/KFRX radio
- Participated in local media interviews

**SKILLS**

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**Technical:** MATLAB, OpenRocket Simulator, SolidWorks, Autodesk, Microsoft 365, AP Style, Canva, CapCut

**Concepts:** CAD, Physics, Calculus, Linear Algebra, Coding, Engineering Design Process, Iterative Design Process, Image Editing, Content Creation, Journalism, Creative Writing, Public Relations

**HONORS**

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**Sigma Gamma Tau**, American Honor Society for Aerospace Engineering

February 2026 – Present

**Dean’s List**, Georgia Institute of Technology

January 2026

**Superior Writing**, NCTE Achievement Awards in Writing

May 2024

**AP Scholar with Distinction**, CollegeBoard

May 2024 & May 2025

**Honor Roll with Highest Distinction**, Lincoln East High School

May 2022 – May 2025

**Academic Letter/Pin**, Lincoln East High School

May 2023 – May 2025