

Thor Hammer (He/Him)

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Education

Vanderbilt University | Nashville, TN

Electrical and Computer Engineering | Public Policy

May 2026

GPA: 3.98

Relevant Classes: Electronics, Analog Circuits, Rapid Prototyping, Program Design and Data Structures

National University of Singapore (Study Abroad) | Singapore, Singapore

January 2025 – May 2025

Electrical and Computer Engineering

GPA: 4.00

Worcester Polytechnic Institute | Worcester, MA

August 2022 – May 2023

Electrical and Computer Engineering | Society, Technology, and Policy

GPA: 4.00

Relevant Experience

Vanderbilt Student Government | Nashville, TN

September 2023 – Present

Attorney General, Prev. Speaker of the Senate and Senator

- Represent & run the Student Government Senate of 38; lobby administration on all resolutions; pass a \$170,000 budget
- Direct personally proposed efficiency measures including implementing electronic voting and Senate body streamlining
- Promote Senate and manage annual elections through campus-wide emails to the student body and other outreach

VADL Rocket Team | Nashville, TN

August 2025 – Present

Electronics Lead

- Integrated all electronic systems for NASA Rocket Competition; Lead team to develop actuator and control subsystems
- Lead award-winning engineering team competing in an annual NASA Rocket Competition against top schools in the US

Duracell | Bethel, CT

May 2025 – August 2025

Global Demo Development Team, R&D Engineer

- Accelerated a 6+ month study to 1-month POC for legal deadlines over battery claims resulting in faster filing time
- Developed prototypes for device and battery demonstration using Additive Manuf., CAD, and Electronics Engineering

50State | Washington, D.C.

June 2024 – July 2024

Policy Research & Governmental Affairs Intern

- Compiled and organized legislative updates and Governor's briefs for all 50 states, assisting partners with issue advocacy
- Assembled and edited 3+ weekly newsletters to help clients monitor energy, emerging technology, and privacy legislation
- Completed 5+ comprehensive state-level policy briefs to educate clients and partners on clean energy, telecoms, and AI

Worcester Polytechnic Institute | Worcester, MA

May 2023 – August 2023

Public Policy & Data Science Researcher

- Designed and distributed Data Envelopment Analysis surveys to 50 refugee teams with greater than 75% response rate
- Created and presented research poster for a 100+ undergrad research symposium and for refugee agency management
- Contributed to data science methods, collective impact, and qualitative coding research papers centered on refugees

Other Experience

Wilderness Survival Skills | Nashville, TN

January 2023 – Present

Instructor & Website Chair

- Lead teams of 12-24 students of all experience levels on weekend-long remote camping trips three times a semester
- Implement and manage complete reworking of the website to centralize trip information, signups, payments and waivers
- Teach outdoor skills (outdoor survival, cooking, ethics, etc.) and organize social events weekly to cultivate community

IEEE Vanderbilt | Nashville, TN

September 2023 – August 2025

President / Chair

- Organize and execute weekly events including RF speakers, soldering workshops, alumni panels, and social events
- Overhauled and implemented a new constitution to revive the org, including member requirements, benefits, and dues

Habitat For Humanity | Worcester, MA

September 2022 – May 2023

Treasurer & Fundraising Chair

- Fundraised in the local community to fully fund a week-long North Carolina build trip for 20 involved students
- Planned 10+ max capacity ReStore volunteering events and garnered participation from people across the university

Skills and Interests

Technical: AI4All Certification, SLA & FDM 3D Printing, Soldering, Machining, Lifeguard Certified, Typing with Dvorak

Software: Microsoft Office, Java, Mathematica, Vivado Design Suite, LTSpice, GSuite, Fusion 360

Interests: Hiking Mountains, Cooking Without a Recipe, Spelunking, Lacrosse, Tech News, Spanish (Conversational)