

Joshua Nafziger

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SUMMARY

Highly motivated college freshman with a drive for electrical and computer engineering. Proven creative and analytical problem solver with a solid background in design, building, and code. Strong communicator with experience leading cross-functional technical teams.

SKILLS

- Data analysis
- Python, C++, HTML, JS
- Subtractive Manufacturing
- Technical troubleshooting
- CAD & PCB Design
- Additive Manufacturing

EXPERIENCE

- Yard Care, Self Employed; Harrisonburg, Virginia *July 2018 to Current*
Contract with 13 yards annually to mow, rake leaves, and shovel snow
- IT Department Intern, Interchange Group, LLC; Harrisonburg, Virginia *June 2024 to Aug 2024*
Wrote a custom script to identify SQL database discrepancies, improving reporting accuracy across the company
- Team Member, Dairy Queen Grill & Chill; Harrisonburg, Virginia *April 2022 to Aug 2024*

LEADERSHIP

- Led a team of students in designing an electric vehicle; Competed internationally in a race of energy efficiency
3rd place in Abu Dhabi, UAE, 1st Place Washington DC Regional Race, 1st Place Shenandoah Valley Regional Race
- Lead CAD designer & builder on FTC Robotics team
1st Place Inspire Award; 1st Place Qualifying Award; Technical Innovation Award
- Rock City Regiment Marching Band
Managed sound & technical equipment for a 5A high school marching band

EDUCATION

- James Madison University, Harrisonburg VA *June 2024*
Dual Enrollment as high school senior; Coursework in Engineering & Mathematics
- Harrisonburg High School, Harrisonburg VA *June 2025*
Advanced Diploma through The Governor's STEM Academy
4.319 GPA, Top 3% of Class
- Virginia Tech, Blacksburg, VA *Expected May 2029*
B.S. Electrical and Computer Engineering

AWARDS

- STEM Award, Harrisonburg High School *May 2024*
- Career and Technical Engineering (CTE) Award, Harrisonburg High School *May 2024*
- Blue Streaks of Excellence Award, Harrisonburg High School *May 2023 and May 2024*
- First Lego League Robotics Volunteer Award, Regional Qualifying Tournament *Jan 2024*

COMMUNITY IMPROVEMENT

- FIRST Tech Challenge Volunteer *Dec 2024 to Present*
Regional Qualifiers, Harrisonburg Virginia - Assistant Field Technical Advisor & AV operator
Regional Championship, Silver Spring Maryland - Assistant Field Technical Advisor & AV operator
- Virginia School for the Deaf and Blind *March to May 2024*
Assisted visually impaired students with rocket building for 2 months.
- Community Theater Production *Sep to Aug 2024*
Lead Sound Technician, "Can't Feel at Home", Court Square Theater, Harrisonburg Virginia
- Renew Camp Volunteer, Summers *June 2022 and June 2024*
Renew Camp is a weeklong event where youth come together to do service projects and outreach in the local Harrisonburg and Rockingham County VA area