

Vaishnavi Adusumilli

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OBJECTIVE

Seeking an internship or CO-OP within the Mechanical Engineering field focusing on design, development, and gaining experience. Adept at working with a team, time management, and completing projects under pressure.

EDUCATION

- **The College of New Jersey (TCNJ)** Ewing, NJ
 - Bachelor's in Mechanical Engineering(May 2025)
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COURSEWORK EXPERIENCE

- **Manufacturing and Prototyping**
 - Proficient in Manufacturing Processes and machinery such as the Lathe, Milling Machine, CNC, Injection Molding
 - Proficient in woodshop tools such as Wire Cutter, Jigsaw, Drill Press
 - **Statics; Dynamics; Strength of Materials; Numerical Methods for Engineers; Manufacturing Processes; Fundamentals of Engineering Design**
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SOFTWARE EXPERIENCE

- **Technical Skills:** MATLAB, Microsoft Office, Solidworks, AutoCAD, Blender, Live 2D, CNC machining, CAM, CAE
 - **Programming Language:** HTML, CSS, Javascript, Java, Python, C++, NC Pro
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PROJECTS

- **HackTCNJ Best Command Line Hack/ Best Terminal Hack Winner** 2022
 - Used various Google APIs to create a game translating words based on given images
 - **Competed in the TCNJ First-Year Design Competition** 2022
 - Created an assistive device centered around writing disabilities
 - Tackled stability and comfort with the elimination of tremors
 - Focused on refining fine motor skills and movement
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WORK EXPERIENCE

- **TCNJ Desk Assistant** 2023-Present
 - Monitor building access and enforce residential policies, ensuring the safety and security of residents and the facility
 - Assisted with administrative tasks, including data entry, filing, and record-keeping related to resident check-ins, check-outs, room changes, and maintenance requests
 - **Old Bridge Public Library Per Diem Library Assistant** 2022-Present
 - Help users find items, answer reference inquiries, and provide information about library regulations and procedures.
 - **Moe's Southwest Grill General Associate Member** 2022
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CAMPUS INVOLVEMENT/LEADERSHIP

- **TCNJ Food Recovery Network** 2021-Present
- **American Society of Mechanical Engineering** 2021-Present
- **TCNJ Humanitarian Engineering** 2021-Present
- **TCNJ Outdoors Club** 2021-Present
- **Society for Women Engineers** 2020-Present