



MADHAV SURI

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Summary

Motivated college student from Texas A&M seeking hands-on experience in the engineering field starting in summer 2024. Strong academic background in engineering principles and problem-solving skills. Proficient in relevant software and tools. Aiming to contribute to a dynamic team and gain practical knowledge to support future career growth.

Skills

- Microsoft Office, Java, SolidWorks, AutoCAD, Fusion360, MatLAB, Ansys, PHP

Experience

Texas Instruments | Fort Worth, Texas
Data Analysis Intern
06/2024 - 07/2024

- Assisted with administrative tasks including answering phones, scheduling appointments, and filing paperwork.
- Cleaned data sets and evaluated different types of math models.
- Collaborated with contractors and project managers to acquire knowledge in creating visualizations through Python and Excel.

SoftBank Robotics America | Southlake, TX
Hardware Engineer(entry Level)
06/2023 - 08/2023

- Conducted research into batteries of NAO robots to determine potential issues and resolves in projects.
- Repaired faulty wiring or replaced defective parts to restore functionality of circuits and systems.
- Designed schematics for a variety of industrial applications using CAD software.

Code Ninjas | Irvington, TX
Tutor
06/2022 - 12/2022

- Conducted individual tutoring sessions with students to help them improve their academic performance.
- Instructed students on utilizing programming languages like JavaScript and Java
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- Created coding projects through Swift and Xcode to help engage students in learning activities.

Education and Training

A&M | College Station, TX
Aerospace Engineering

Institute of Aeronautics and Astronautics Student Branch at Texas A&M University

- Building professional expertise through networking with academic mentors and industry leaders.
- gain insight into real world projects

Global Institute of Aeronautics and Astronautics Student Branch

TAMU SAE AERO

- Enrolled in the Development Program within SAE, gaining hands-on experience and learning design fundamentals

related to the design and fabrication of engineering projects, with a focus on project teams at A&M.

- Willing to gain hands-on experience through an apprenticeship and shadowing with the Formula Internal Combustion Team, focusing on cost and manufacturing considerations to simulate real-world engineering challenges.

AIAA policy committee

- Participated in the AIAA Public Policy Committee, focusing on the recovery and advancement of the aerospace industry post-COVID-19 by addressing challenges related to workforce, infrastructure, and technology, and advocating for stable government funding to support these areas.

Activities and Honors

- Pursuing my Flight License
- Hobbies: Tennis and Soccer
- Assistant Coach for Coppell FC
- Referee for North Texas Soccer officiating

Certifications

- OSHA Certification (ID: [7/6/2022])
- AutoCAD Certification (ID: [8/21/2023])
- Fusion 360 Certification (ID: [4/12/2022])
- Java Certification (ID: [5/25/2024])
- SolidWorks Certification (ID: [2/19/2024])
- Microsoft Excel Certification (ID: [5/1/2021])
- North Texas Soccer Certification (ID: [4/28/2023])

References

References available upon request.