

Education

<b>Bachelor of Science in Mechanical Engineering, Engineering Honors, Summa Cum Laude   Class of 2024</b>		
<i>Texas A&amp;M University</i>		<b><u>CGPA: 3.97</u></b>
• <u>Deans Honor Roll</u> from Spring 2022 to Spring 2024 (5X)	• Received <u>Phi Kappa Phi Outstanding Junior Award</u>	• <u>Honors Societies</u> : Phi Kappa Phi, Pi Tau Sigma, Tau Beta Pi

Experience

<b>Qatar Foundation</b>   Doha, Qatar		Oct 2024 – Present
<i>Internship Coordinator</i>		
• Coordinates and supports all aspects of the Internship & Work/Study program, including administration, marketing, event planning, internship facilitation, student supervision, and stakeholder engagement.		
<b>Texas A&amp;M University</b>   Doha, Qatar		
<i>Temporary Program Aide (Mechanical Engineering Dept.)</i>		May 2024 – Sep 2024
• Journal on factorial analysis of Structure-Borne Travelling Waves for particle steering in structural dynamics		
<i>Research Assistant (Mechanical Engineering Dept.)</i>		Sep 2023 – May 2024
• Used machine vision to develop 3D/2D tracking system for factorial analysis experimentation.		
<i>Student Coordinator (Dept. of Art &amp; Science)</i>		Jan 2022 – May 2023
• Tutored students on advanced level calculus (multivariable and differential), physics, and engineering.		
<b>United Equipment Group</b>   Doha, Qatar		July 2024 – August 2024
<i>Social Media Intern</i>		
• Manage social media content creation and marketing, including photography, video, posts, and reels, to enhance company branding.		
<b>Texas A&amp;M University</b>   College Station, USA		May 2023 – July 2023
<i>Heat Transfer Lab Research Intern</i>		
• Developed experimental setup to track melt fraction of Phase Change Material, for Machine Learning model.		
<b>Bojamhoor Mechanical &amp; Electrical Company MEP</b>   Doha, Qatar		Dec 2023 – Jan 2024
<i>Construction Tendering Intern</i>		
• Summarized existing construction projects, conduct financial analysis, and make comparison, using large datasets on Ms Excel.		

Projects

<b>Texas A&amp;M University</b>   <i>Student</i>		
<u>Electrical Motor Development for Hybrid Vehicle in Shell Eco-Marathon</u>		Jan 2024 – June 2024
• Designed and integrated supercapacitor recharging system to optimize vehicle’s performance.		
<u>Aerial Water Sample Collector</u>		Sep 2023 – Apr 2024
• Developed signal module for water sampler for ocean bodies; to carry out eco-related inspections.		
<u>Ocean current sampling project</u>		Sep 2022 – Dec 2022
• Test and collect ocean current data in Qatar’s Northern Sea, using an AquaDopp Profiler.		

Leadership/Responsibilities

<b>Leadership Experience Club</b>   <i>President</i>		Sep 2022 – May 2024
• Developed leadership skills (public speaking, project management, networking, communication, etc) for students. Collaborates with business clients to provide internship opportunities and leadership opportunities and held conferences.		
<b>TEDxTAMUQ</b>   <i>Co-Organizer/Strategic Vision Officer</i>		May 2024 – Oct 2024
• Co-Organized Qatar’s most successful TEDx conferences with diplomatic, industrial and academic speakers		
<b>American Society of Mechanical Engineers</b>   <i>Head of Media/Marketing</i>		Jan 2024 – Mar 2024
• Led the media/marketing team behind Qatar’s 1 <sup>st</sup> Engineering Festival.		
<b>Our Lady of the Rosary Church Qatar</b>   <i>Catechist</i>		Jan 2019 – Present

Publications

<b>ASME 2024 Smart Materials, Adaptive Structures and Intelligent Systems (SMASIS 2024)</b>	
• Experimental Investigation Into Particle Dynamics Induced by Steady-State Structure-Borne Traveling Waves.	

Skills

<b>Engineering:</b> SolidWorks   Aspen 14 Plus   Ansys Plus   Python   Technical Writing   MS Office Suite   Sap2000   LabVIEW   MATLAB   Mathcad   RStudio   Machine Learning   Basic Shaft/Gear Design   Machine Learning   Experimental Setup/Analysis/Automation	
<b>Creative Arts:</b> Photo/Video Production   Adobe Photoshop   Premiere/Davinci Resolve   Web Development   Social Media Management	
<b>Leadership/Team Management:</b> Public Speaking   Project Management   Networking/Professional Relations   Presentation	
<b>Other (Hobbies/Interests):</b> Swimming   Scrabble   Aeronautical chart reading   Flight Simulation (MS Flight Simulator 2020)	