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OBJECTIVE	Seeking Internships in Dynamic Robotics Applications and Interdisciplinary Engineering	
EDUCATION	Texas A&M University , College Station, Texas Bachelor of Science in Interdisciplinary Engineering - Robotics Focus <ul style="list-style-type: none"> Engineering Honors Major ITDE Coursework: ME, EE, CS, and MXET 	May 2023 GPA: 3.93
WORK EXPERIENCE	Beckhoff Automation LLC , Savage, Minnesota <i>Industrial Automation Engineering Internship</i> , Houston, TX, Jun 2022 - Aug 2022 <ul style="list-style-type: none"> Shadowing Sales, Application and Training Engineers implementing TwinCAT and Beckhoff Hardware with over 20 customer applications. Engaged with the Development of a Process Library with Beckhoff Germany 	Jun 2022 - Present
RELEVANT EXPERIENCE	TAMU RoboMasters , Texas A&M University <i>Embedded Systems Team</i> , Jun 2022 - Aug 2022 <ul style="list-style-type: none"> Building and maintaining codebases for all robots with C++ using Keil & Taproot <i>Standard Robot Design and Fabrication Team</i> , Jan 2020 - Present <ul style="list-style-type: none"> Full CAD modeling and Fabrication with SolidWorks and OnShape for International intercollegiate competitions 	Jan 2020 - Present
SELECTED LEADERSHIP	TAMU InterDisciplinary Engineering Association (IDEA) <i>Co-Vice President & Founding Member</i> , Sep 2021 - Present <ul style="list-style-type: none"> Established a professional society for Interdisciplinary Engineers at Texas A&M <i>ITDE Student Ambassador</i> , Oct 2021 - Present <ul style="list-style-type: none"> Student Role model for the ITDE Major and MTDE Department Actively offer insight and guidance to interested Transfer and Freshman Students 	Sep 2021 - Present
	CISV International - cisv.org <i>Treasurer</i> , DFW Chapter, Jul 2017 - Jun 2019 <ul style="list-style-type: none"> Oversaw funds and merchandise for local activities with about \$600 per event Managed legal paperwork preventing potential international-scale lawsuits <i>Seminar DFW/USA Chapter Delegate</i> , San Salvador, El Salvador, Jul 2019 <ul style="list-style-type: none"> Discussing changing world conditions and solutions to controversial issues 	Jun 2012 - Present
	FRC Robotics - Team 5417 Eagle Robotics , Allen High School <i>FIRST Worlds Expositions: Public Presenter</i> , Houston, TX, Apr 2019 <ul style="list-style-type: none"> Led a 45 min interactive presentation on Expanding Community & Innovative Outreach for Robotics Teams 	Aug 2015 - Jun 2019
	Rec-League Basketball Team , Allen Sports Authority <i>Team Captain & Founder</i> , Allen, TX, Jun 2015 - May 2019 <ul style="list-style-type: none"> The Chicken Noodle Hoops 	Jun 2015 - May 2019
HONORS AND EXPERIENCE	Dean's Honor Award , Texas A&M University College of Engineering <ul style="list-style-type: none"> Semester Recognition for Outstanding Academic Achievement in 15 credit hours 	Fall 2020 - Present
	CollegeBoard's National Merit Hispanic Scholar <ul style="list-style-type: none"> Awarded a \$14k scholarship based on GPA and PSAT score, \$1750 per semester 	Sep 2018
SKILLS QUALITIES & INTERESTS	Qualities: Eager to Learn, Dedicated, Seeks Additional Responsibilities, Team Player. Skills: TwinCAT, SolidWorks, C/C++, Python, ROS, Julia, MATLAB, Simulink, HTML, Structured Text, Microsoft Dynamics, LaTeX, Microsoft Office, Adobe Fireworks, KiCAD, SolidEdge, AutoCAD, LabVIEW, Multisim, Keil, Verilog HDL, Carla. Interests: Swing Dancing, Rock Climbing, Cello, The Cosmere, UI/UX Design.	
COMMUNITY SERVICE	Volunteering <i>Self-Directed Peer Tutoring</i> , 2013 - Present <i>Robotics Referee volunteering</i> , RoboMasters and FIRST Robotics <i>Underprivileged Community Assistance</i>	