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OBJECTIVE	Seeking Full-Time Opportunities 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 Minors in <u>Control of Mechanical Systems</u> and <u>Electrical Engineering</u> 	May 2023 GPA: 3.94
WORK EXPERIENCE	Beckhoff Automation LLC , Savage, Minnesota Jun 2022 - Present <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 	
RELEVANT EXPERIENCE	TAMU RoboMasters , Texas A&M University Jan 2020 - Present <i>Embedded Systems Team</i> , Aug 2021 - Present <ul style="list-style-type: none"> Build and maintaining codebases for all robots with C++ using Git & VS LiveShare <i>Standard Robot Design and Fabrication Team</i> , Jan 2020 - Jan 2022 <ul style="list-style-type: none"> Full CAD modeling and Fabrication with SolidWorks and OnShape for International intercollegiate competitions 	
SELECTED LEADERSHIP	TAMU InterDisciplinary Engineering Association (IDEA) Sep 2021 - Present <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 	
	CISV International - cisv.org Jun 2012 - Present <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 	
	FRC Robotics - Team 5417 Eagle Robotics , Allen High School Aug 2015 - Jun 2019 <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 	
HONORS AND EXPERIENCE	Dean's Honor Award , Texas A&M University College of Engineering Fall 2020 - Present <ul style="list-style-type: none"> Semester Recognition for Outstanding Academic Achievement in 15 credit hours 	
	CollegeBoard's National Merit Hispanic Scholar Sep 2018 <ul style="list-style-type: none"> Awarded a \$14k scholarship based on GPA and PSAT score, \$1750 per semester 	
SKILLS QUALITIES & INTERESTS	Qualities: Eager to Learn, Dedicated, Seeks Additional Responsibilities, Team Player. Skills: TwinCAT, SolidWorks, C/C++, Python, ROS, Julia, MATLAB, Simulink, HTML, Github, StucturedText, Microsoft Dynamics, LaTeX, Microsoft Office, Adobe Fireworks, KiCAD, AutoCAD, LabVIEW, Multisim, Keil, Verilog HDL, Carla. Bilingual: Fluent In English and Spanish Interests: Robotics, 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>	