

# Sebastian Villa Cuellar



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<b>OBJECTIVE</b>	<b>Seeking Internships in Dynamic Robotics Applications and Interdisciplinary Engineering</b>	
<b>EDUCATION</b>	<b>Texas A&amp;M University</b> , College Station, Texas Bachelor of Science in Interdisciplinary Engineering - Robotics Focus <ul style="list-style-type: none"> <li>Engineering Honors</li> </ul>	May 2023 <b>GPA: 4.00</b>
<b>RELEVANT EXPERIENCE</b>	<b>TAMU RoboMasters</b> , Texas A&M University Jan 2020 - Present <i>Embedded Systems Team</i> , Aug 2021 - Present <ul style="list-style-type: none"> <li>Building and maintaining codebases for all robots with C++ using Keil &amp; Taproot</li> </ul> <i>Standard Robot Design and Fabrication Team</i> , Jan 2020 - Present <ul style="list-style-type: none"> <li>Full CAD and Fabrication for International intercollegiate competitions</li> </ul> <i>Business Marketing Website Lead</i> , Jan 2020 - Aug 2021 <ul style="list-style-type: none"> <li>Website Redesign, Logo and Merchandise development, Social Media Manager</li> </ul> <i>Operations Team Guidelines Coordinator</i> , Jan 2021 - Present <ul style="list-style-type: none"> <li>Created COVID-19 guidelines for our hosted N.A. Regional Competition</li> </ul>	
<b>SELECTED LEADERSHIP</b>	<b>TAMU InterDisciplinary Engineering Association (IDEA)</b> Sep 2021 - Present <i>Co-Vice President &amp; Founding Member</i> , Sep 2021 - Present <ul style="list-style-type: none"> <li>A professional society for Interdisciplinary Engineers at Texas A&amp;M</li> </ul> <i>ITDE Student Ambassador</i> , Oct 2021 - Present <ul style="list-style-type: none"> <li>Student Role model for the ITDE Major and MTDE Department</li> </ul> <b>CISV International - <a href="http://cisv.org">cisv.org</a></b> Jun 2012 - Present <i>Treasurer</i> , DFW Chapter, Jul 2017 - Jun 2019 <ul style="list-style-type: none"> <li>Oversaw funds for local activities with about \$400 per event</li> <li>Managed legal paperwork preventing potential international-scale lawsuits</li> <li>Designed and Coordinated T-Shirt Graphics sold by the Local Chapter</li> </ul> <i>Seminar DFW/USA Chapter Delegate</i> , San Salvador, El Salvador, Jul 2019 <ul style="list-style-type: none"> <li>Discussing changing world conditions and solutions to controversial issues</li> </ul> <b>FRC Robotics - Team 5417 Eagle Robotics</b> , Allen High School Aug 2015 - Jun 2019 <i>FIRST Worlds Expositions: Public Presenter</i> , Houston, TX, Apr 2019 <ul style="list-style-type: none"> <li>Led a 45 min <b>interactive</b> presentation on Expanding Community &amp; Innovative Outreach for Robotics Teams</li> </ul>	
<b>HONORS AND EXPERIENCE</b>	<b>Dean's Honor Award</b> , Texas A&M University College of Engineering Fall 2020 - Present <ul style="list-style-type: none"> <li>Semesterly Recognition for Outstanding Academic Achievement</li> </ul> <b>CollegeBoard's National Merit Hispanic Scholar</b> Sep 2018 <ul style="list-style-type: none"> <li>Awarded a \$14k scholarship based on GPA and PSAT score, \$1750 per semester</li> </ul> <b>Wreck-League Basketball Team</b> , Allen Sports Authority Jun 2015 - May 2019 <ul style="list-style-type: none"> <li>Team Captain and Founding Member for the Chicken Noodle Hoops</li> </ul>	
<b>SKILLS AND QUALITIES</b>	<b>Qualities:</b> Dedicated, Eager to Learn, Seeks Additional Responsibilities, Teamwork <b>Skills:</b> SolidWorks, Python, C/C++, ROS, Julia, MATLAB, Simulink, Microsoft Office, Adobe Fireworks, SolidEdge, AutoCAD, LaTeX, Multisim, Keil, Verilog HDL <b>Bilingual:</b> Fluent in English and Spanish	
<b>COMMUNITY SERVICE</b>	<b>Volunteering</b> <i>Self-Directed Peer Tutoring</i> , 2013 - Present <i>Robotics volunteering</i> <ul style="list-style-type: none"> <li>RoboMaster University League (RMUL) Robotics Referee and Assembly Crew</li> <li>FIRST LEGO League (FLL) Robotics Referee</li> </ul> <i>Underprivileged Community Assistance</i> <ul style="list-style-type: none"> <li>Dallas Life Homeless Shelter</li> <li>The Sand Branch Community</li> </ul>	