**Sebastian Villa Cuellar**

DFW/College Station, TX | [214-585-9986](tel:2145859986) | [tx.ag/sebvc](http://www.tx.ag/sebvc) | [sebvc@tamu.edu](mailto:sebvc@tamu.edu)

**OBJECTIVE**

Seeking Internships in Dynamic Robotics Applications and Interdisciplinary Engineering

**EDUCATION**

**Texas A&M University** *College Station, TX*

*College of Engineering*

*Bachelor of Science in Interdisciplinary Engineering – Robotics Focus* *May 2023*

GPA: 3.97 / 4.00

**RELEVANT EXPERIENCE**

**TAMU RoboMasters** *College Station, TX*

*Embedded Systems Team* *Aug 2021 – Present*

* Building and maintaining codebases for all robots with **C++** using Ozone, Keil, and Taproot

*Standard Robot Design and Fabrication Team* *Jan 2020 – Present*

* Full **CAD** modeling and Fabrication with SolidWorks and Onshape for International intercollegiate competitions

**SELECTED LEADERSHIP**

**TAMU InterDisciplinary Engineering Association (IDEA)** *College Station, TX*

*Co-Vice President & Founding Member Sep 2021 – Present*

* Established a professional society for Interdisciplinary Engineers at Texas A&M

*ITDE Student Ambassador Oct 2021 – Present*

* 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**](https://cisv.org/) *United States*

*Treasurer, DFW-USA Chapter Jul 2017 – Jun 2019*

* Oversaw funds and merchandise for local activities with about $600 per event
* Managed legal paperwork preventing potential international-scale **lawsuits**

*Seminar DFW-USA Chapter Delegate, San Salvador, El Salvador Jul 2017 – Jun 2019*

* Discussing changing world conditions and solutions to controversial issues

**FRC Robotics - Team 5417 Eagle Robotics** *Allen, TX*

*FIRST Worlds Expositions: Public Presenter, Houston, TX Apr 2019*

* Led a 45 min **interactive** presentation on Expanding Community & Innovative Outreach for Robotics Teams

**Rec-League Basketball Team: The Chicken Noodle Hoops** *Allen, TX*

*Team Captain & Founder, Allen Sports Authority Jun 2015 – May 2019*

**HONORS AND AWARDS**

**Texas A&M University College of Engineering** *College Station, TX*

*Dean’s Honor Award Fall 2020 – Present*

* Semester Recognition for Outstanding Academic Achievement in 15 credit hours

**CollegeBoard** United States

*National Merit Hispanic Scholar Sep 2018*

* Awarded a **$14k** scholarship based on GPA and PSAT score, $1750 per semester

**SKILLS, ACTIVITIES & INTERESTS**

**Technical Skills:** SolidWorks, C/C++, Python, ROS, Julia, MATLAB & Simulink, HTML, LaTeX

**Activities:** Peer Tutoring, Robotics Competition Referee, Underprivileged Community Assistance

**Bilingual:** Fluent in English and Spanish

**Interests:** Swing Dancing, Cello, The Cosmere, Robotics Development.