

# Sebastian Villa Cuellar



DFW/College Station, TX



sebas822@tamu.edu



linkedin.com/in/sebas-villa



+1 (214) 585-9986

## OBJECTIVE

Seeking Internships in Dynamic Robotics Applications and Interdisciplinary Engineering

## EDUCATION

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

May 2023

Bachelor of Science in Interdisciplinary Engineering - Robotics Focus

**GPA: 4.00**

- Engineering Honors

**Allen High School**, Allen, Texas

May 2019

Graduated with Honors; Rank 76/1681; Overall Weighted GPA: 4.34/5.0

## RELEVANT ROBOTICS EXPERIENCE

**Texas A&M RoboMasters**, Texas A&M University

Jan 2020 - Present

*Standard Robot Design and Fabrication Team*, Jan 2020 - Present

- Full CAD and Fabrication for International intercollegiate competitions.

*Business Marketing Website Lead*, Jan 2020 - Present

- Website Redesign, Logo and Merchandise development, Media Manager

*Operations Team Guidelines Coordinator*, Jan 2021 - Present

- Created COVID-19 guidelines for our hosted N.A. Regional Competition

**FRC Robotics - Team 5417 Eagle Robotics**, Allen High School

Aug 2015 - Jun 2019

*Chief Marketing Officer*, May 2018 - May 2019

- Recruited sponsors, Managed Team Branding and Media Presence

*Lead Student Build Mentor for UNIFIED Robotics®*, Aug 2017 - May 2019

- Taught Special Education students how to build and program LEGO Mindstorms.

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

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

*Presentation and Essay & Script Writer/Editor*, Jan 2017 - Apr 2019

- Essay and Presentations prepared for business style competitions in FRC.

*Climber and Intake Fabrication Team Lead*, Jan 2017 - May 2017

- Designed, Built, and Integrated both a climber and ball intake for competition.

## SELECTED LEADERSHIP

**CISV International**

Jun 2012 - Present

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

- Oversaw funds for local activities with about \$400 per event
- Managed legal paperwork preventing potential international-scale lawsuits
- Designed and Coordinated T-Shirt Graphics sold by the Local Chapter

*Seminar DFW/USA Chapter Delegate*, San Salvador, El Salvador, Jul 2019

- Discussing changing world conditions and solutions to controversial issues

## HONORS AND EXPERIENCE

**Dean's Honor Award**, Texas A&M University College of Engineering

Fall 2020 - Present

- Semesterly Recognition for Outstanding Academic Achievement.

**CollegeBoard's® National Merit Hispanic Scholar**

Sep 2018

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

**Wreck-League Basketball Team**, Allen Sports Authority

Jun 2015 - May 2019

- *Team Captain and Founding Member* for the Chicken Noodle Hoops

## SKILLS AND QUALITIES

- Dedicated, Eager to Learn, Seeks Additional Responsibilities, Teamwork
- SolidWorks, Python, C/C++, MATLAB, Simulink, Simscape, Microsoft Office, Adobe Fireworks, SolidEdge, AutoCAD, LaTeX, Multisim
- Bilingual: Fluent in English and Spanish

## COMMUNITY SERVICE

**Volunteering**

*Self-Directed Peer Tutoring*, 2013 - Present

*Robotics volunteering*

- RMUL Robotics Referee and Assembly Crew
- FLL Robotics Referee

*Underprivileged Community Assistance*

- Dallas Life Homeless Shelter
- The Sand Branch Community