

## Sebastian Villa Cuellar



Allen, Texas



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### EDUCATION

**Texas A&M University**, College Station, Texas May 2023  
Bachelor of Science in Interdisciplinary Engineering – Robotics Focus  
GPA: 4.00 and in 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

**RoboMaster Robotics**, Texas A&M University Jan 2020 – Present  
*Standard Robot Design and Fabrication Team*, Jan 2020 – Present  
• Full design and fabrication of a new Robot for International intercollegiate competitions.  
*Business Marketing Website Lead*, Jan 2020 – Present  
• Website Redesign, Logo and Merchandise development, and Media Presence Manager  
*Operations Team Guidelines Coordinator*, Jan 2021 – Present  
• Created COVID-19 guidelines for North American Regional Competition hosted by TAMU.  
**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  
*Climber and Intake Fabrication Team Lead*, Jan 2017 – May 2017  
• Designed, Built, and Integrated both a climber and ball intake for the 2017 FRC competition.  
*Lead Student Build Mentor for UNIFIED Robotics®*, Aug 2017 – May 2019  
• Taught Special Ed students how to build and program LEGO Mindstorms.  
• Worked in interpersonal relationships with overlaying organizations, and special needs participants.  
*FIRST Worlds Expositions: Public Presenter*, April 2019 - Houston, TX  
• A 45-minute interactive presentation on Expanding Community & Innovative Outreach for Robotics Teams  
*Presentation and Essay & Script Writer/Editor*, Aug 2017 – May 2019  
• Essay and Presentations prepared for business style competitions in FRC.

### SELECTED LEADERSHIP

**CISV International** Jun 2012 – Present  
CISV aims to educate and inspire action for a more just and peaceful world. The organization operates international educational programs on an annual basis to bring together participants from member countries.  
*Treasurer*, July 2017 – June 2019 - DFW Area  
• Oversaw funds and legal paperwork for local activities (About \$300 per event) to ensure no one could potentially sue the international organization.  
• Designed T-Shirt Graphics sold by the Local Chapter.  
*Seminar Participant*, 1st – 21st of July 2019 - San Salvador, El Salvador  
• For 17 & 18-year-olds, over changing world conditions and solutions to controversial issues.

### HONORS AND EXPERIENCE

**CollegeBoard's® National Merit Hispanic Scholar** Sep 2018  
• Awarded a \$14k TAMU scholarship based on top High School junior GPA and PSAT score.  
**Dean's Honor Award** Fall 2020  
• Recognition from the College of Engineering at Texas A&M University for Outstanding Academic Achievement.  
**Wreck-League Basketball Team**, Allen Sports Authority Jun 2015 – May 2019  
• *Team captain & Founding member* for the Chicken Noodle Hoops

### SKILLS

- Dedicated, Learning, Mentoring, Teamwork
- SolidWorks, Python, C/C++, Microsoft Office, Adobe Fireworks, SolidEdge, AutoCAD.
- Bilingual: Fluent in English and Spanish

### COMMUNITY SERVICE

**Self-Directed Peer Tutoring**  
*Math Tutoring*, Aug 2015 – Present  
• From Algebra 1 to BC Calculus and IB HL Math, Multivariable Calculus and Differential Equations  
*Physics Tutoring*, Aug 2017 – Present  
• Statics, Dynamics, Mechanics, E&M, Optics, Thermodynamics, and Quantum.

**Volunteering**  
*Dallas Life Homeless Shelter*, 2021  
• Working in the Kitchen and serving food  
*The Sand Branch Community*, 2018  
• Distributing food and water to an unincorporated community.