

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
Business Marketing Website Lead, Jan 2020 – Present

- Complete Website Redesign, Logo and Merchandise development, Media Presence Manager, Recruiting

Standard Robot Fabrication, Jan 2017 – May 2017

- Complete SolidWorks design and fabrication of a new Robot for intercollegiate competitions.

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, DFW Area 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

- 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- and 18-year-olds, discussed 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.

Wreck-League Basketball Team, Allen Sports Authority Jun 2015 – May 2019
Team captain & Founding member for the Chicken Noodle Hoops

SKILLS

- Dedicated, Learning, Mentoring
- 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

- Specifically, AP Physics courses 1, 2, and C: known as Statics, Mechanics, E&M, Optics, and Thermodynamics.