

Sebastian Villa Cuellar

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EDUCATION

Texas A&M University, College Station, Texas

May 2023

Bachelor of Science in Multidisciplinary Engineering Technology (MXET) in Mechatronics

Mechatronics is an ABET Accredited Degree

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 and Standard Fabrication Subteams.

FRC Robotics - Team 5417 Eagle Robotics, Allen High School

Aug 2015 – Jun 2019

Chief Marketing Officer; May 2018 – May 2019

- Recruiting sponsors, Managing 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

- Teaching Special Ed students how to build and program LEGO Mindstorms
- Working in interpersonal relationships with overlaying organizations, and special needs participants.

FIRST Worlds Expositions: Public Presenter; April 2019

- 1 of 5 robotics students giving a 45 minute interactive presentation on Expanding Community & Innovative Outreach for other Robotics Teams in Houston.

Presentation and Essay & Script Writer/Editor; Aug 2017 – May 2019

- Essay and Presentations submissions for Business style competitions in FRC

Selected Leadership

CISV International, DFW Area

Summer 2012 – Present

CISV aims to educate and inspire action for a more just and peaceful world. The organisation operates

international educational programmes on an annual basis to bring together participants from member countries.

Treasurer; July 2017 – June 2019

- Managed and collected funds and managed legal paperwork to ensure no one could potentially sue the international organization and fund our many local activities (About \$300 per event)
- Designed Graphics that would be transferred to T-Shirts and sold to 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.

Wreck-League Basketball Team, Allen Sports Authority

June 2015 – May 2019

Team captain & Founding member for the Chicken Noodle Hoops

HONORS and EXPERIENCE

CollegeBoard's® National Merit Hispanic Scholar

Sep 2018

- Awarded TAMU scholarship [\$14,000 (\$3,500 per year for four years)] based on Junior PSAT score among the top 2.5% of hispanics and high maintained GPA in High School Junior year

SKILLS

- Microsoft Office, Adobe Fireworks, SolidEdge, AutoCAD, SolidWorks, Python and C.
- Bilingual: Fluent in English and Spanish

Community Service

Self Directed Peer Tutoring

Always and ongoing

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 Thermo.