

# 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) with a Mechatronics Focus

GPR: First Semester Student - *I am taking Sophomore level Calculus and Physics courses this academic year.*

**Allen High School**, Allen, Texas

May 2019

Graduated with honors; Rank 76/1681;

Overall Weighted GPA: 4.34/5.0

## LEADERSHIP

**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.

**FRC Business Team**, Houston, Texas

April 2019

*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.

*Presentation and Essay & Script Writer/Editor*,

- Essay and Presentations submissions for Business style competitions in FRC

**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*, 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**-The Chicken Noodle Hoops, Allen Sports Authority

June 2015 – May 2019

*Team captain & Founding member*

## 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

**National AP© Scholar**

- Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, **and** scores of 4 or higher on eight or more of these exams

## SKILLS/ EXPERIENCE

- Microsoft Office Word, Excel, and PowerPoint, Adobe Fireworks, SolidEdge, AutoCAD, SolidWorks, and Python.

- Bilingual: Fluent in English and Spanish

**Peer Tutoring**

Always and ongoing

*Math Tutoring*, Aug 2015 – Present

- Specifically AP Physics courses 1, 2, and C.

- From Algebra 1 to BC Calculus and IB HL Math

- Member of  $\mu\alpha\theta$ /Math Honors Society 9-12th grade

*Physics Tutoring*, Aug 2017 – Present

## Relevant AP and IB Testing

- AP Spanish Language and Culture (Score:5), AP Physics 1 (5), AP Physics 2 (5), AP Physics C: Mechanics(5) AP Physics C: Electricity and Magnetism (5), AP Calculus BC Double 5s), IB Math HL (6), IB Spanish HL (7)