

# MORGAN REMEZA

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## SUMMARY

Junior at Cornell University  
Graduating May 2026

### Coursework

- Economics and finance
- Computer programming
- High level math, physics, material & environmental sciences, statics & dynamics, fluid mechanics, system dynamics, energy technologies & renewable energy
- Writing, career development
- Sailing, architecture, cooking

### Other Skills

- Proficiency with Microsoft Office
- Presentation and interpersonal skills

### Leadership

- Founder and leader of a NASA Student Launch team
- Won NASA recognitions: 1st Place Team Spirit; 2nd Place Judges' Choice; 2nd Place STEM Engagement
- Managed fundraising and budgeting Responsible for member recruitment, mentorship, time management, marketing, documentation, and presentations
- Member of Cornell Rocketry Team

### Personal Interests

- Kayaking, boating, fishing
- Hiking, swimming, tennis
- Organizing team outings

### High Power Rocketry 2012 – Present

- Level 3 Tripoli Rocketry Association Certification. Member of National Association of Rocketry.
- Designed, built, and launched numerous rockets using optimized composite airframes and multi-stage configurations. Carried scientific payloads to precise target altitudes up to 18,000 ft.
- Characterized and utilized high performance propellants manufactured in-house

**Core Values.** Responsible, motivated, collaborative, result-oriented, professional, intellectually curious, entrepreneurial spirited

US Citizen

## EDUCATION

### Cornell University 2022 – Present

Engineering Major and Business Minor. Dean's List. Rigorous STEM coursework, and economics, finance, accounting, writing courses. GPA 3.7

### Harrison High School 2018 – 2022

Summa Cum Laude, GPA 98. Elite science research program, founded and led team winning national competitions

## PROFESSIONAL INTERESTS & EXPERIENCES

### Career Interests

- Exploring investment internships. Coursework in economics and finance for a business minor besides STEM classes for an engineering major

### Coaction Global Insurance

Summer 2023

- Shadowed Chief Investment Officer (CIO) of the insurer
- Learned how insurance companies work and how an investment team adds value to the institution
- Gained understanding about portfolio analyses, economic conditions, Fed decision drivers, and investment processes
- Participated in presentations and networking events

### Other

- Deep knowledge about technology innovations (related to electric vehicles, data centers, green energy, etc.), construction, and infrastructure
- Designed an active control system for a 250 lb drone. Designed and presented a cost-effective electric vehicle satisfying constraints on battery capacity and material durability while reducing costs. Worked on a new wind turbine design to meet energy generation targets and balanced tradeoffs to maximize profitability. Assessed the impact of climate change on geography by analyzing aerial imagery data. Studied climate trends and solutions

## SKILLS & ACHIEVEMENTS

### Data Analytics

- Proficient with Microsoft Office (Excel, Word, and PowerPoint). Computer programming (MATLAB). Some knowledge about Java and Python
- Collected data and analyzed trends. Presented findings to large audience
- Data analysis, quantitative modeling, and problem solving

### Communication Skills

- A member of many group projects and a Cornell project team. Created and delivered numerous presentations
- Extensive training in writing: excelled in Cornell writing courses, underwent writing-centric international baccalaureate high school curriculum
- DECA International business competition: received Award of Excellence, a certificate of achievement for financial literacy, collaboration, innovation, critical thinking, initiative, and leadership at a professional level
- Authored papers and presented at science fairs
  - 2<sup>nd</sup> Place, 2022 Regeneron Westchester Science and Engineering Fair (WESEF) competition. Recognized for Environmental Perspiration Award
  - 3<sup>rd</sup> Place, 2022 Junior Science Humanities Symposium (JSHS)
  - 3<sup>rd</sup> Place, 2021 Regeneron WESEF competition

### Partnership and Outreach

- Proactively reached out to mentors and industry leaders to collaborate
- Organized study groups and worked with advisors to enhance learning
- Established partnerships with town and library to support community programs