

MEGAN L. URRUTIA

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EDUCATION

Columbia University - New York, NY

May 2028

BS in Electrical Engineering, Pre-Law

- Academic Success Program, Columbia Space Initiative, ColumbiaVotes, Rural and Multicultural Recruitment Committees.
- 2025 Hispanic Scholarship Fund Scholar

Emporia High School - Emporia, KS

Honors 2024

GPA: 4.32 Unweighted / 3.98 Weighted

- Kansas Governor's Scholar: Recognized as the one of the top one percent of students in Kansas for outstanding academic performance and leadership potential.

WORK EXPERIENCE

Simmons Animal Nutrition - Milan, MO

May 2025 - July 2025

Engineering Operations Intern

- Focused on a maintenance reliability initiative aimed at increasing operational efficiency and system uptime through data-driven root cause analysis, preventative maintenance strategies, and process improvements.
- Collaborated closely with cross-functional teams to optimize equipment performance and reduce downtime in a fast-paced production environment.
- Honored as 2025 Spotlight Intern in promotional products, chosen to present summer project to department head, and received intern exclusive academic scholarship.

Dunkin' - Emporia, KS

December 2021 - August 2024

Crew Member/Trainer

- Provided exceptional customer service in a fast-paced environment, ensuring customer satisfaction through quality beverages and food.
- Maintained clean and sanitary work areas, utensils, and equipment, adhering to health and safety guidelines.

LEADERSHIP EXPERIENCE

Rocket-Propelled Glider Development

January 2025 - March 2025

Mentored by Professor Michael Massimino - New York, NY

- Collaborated on the design, prototyping, and testing of rocket-propelled gliders as part of a hands-on aerospace engineering initiative.

Columbia Space Initiative - New York, NY

Blue Skies Mission Lead - New York, NY

September 2024 - Present

- Researching microburst phenomena and their impact on aviation maintenance and flight safety as part of NASA's Blue Skies Project 2025
- Collaborating with a multidisciplinary research team to analyze aviation safety challenges and develop data-driven solutions for sustainable aerospace innovation

Multicultural Recruitment Committee - New York, NY

December 2024 - Present

- Conduct one-on-one interviews with prospective students, especially those from underrepresented, first-generation, and rural backgrounds.
- Inform potential and admitted students about Columbia policies, forms, and events.

Lyon County Mayor's Office - Emporia, KS

September 2021 - May 2024

- Assisted with community outreach initiatives by organizing local events, managing correspondence, and maintaining communication between the Mayor's office and residents.

SKILLS

- Office365, G Suite, Tableau, Slack Experience
- CSS, Javascript, Python, HTML, C, C++