


Alejandra J. Perea Rojas
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Alejandra's Site 
(973) 337-7258

Education

Harvard University (leave of absence spring 2021, interning at CMinds)	Cambridge, MA
<ul style="list-style-type: none">• A.B. Candidate in Applied Mathematics and Data Science• Secondary in Government and a citation in Mandarin Chinese• Relevant coursework: Multivariable Calculus, Linear Algebra, Mechanics, Electromagnetism, and Intro to Computer Science.	May 2024
Fox Lane High School	Bedford, NY
<ul style="list-style-type: none">• President of Puente Tutoring and Model Congress. GPA: 95.	June 2019

Extracurricular Activities

Act on a Dream - <i>Intersectionality Chair</i>	Remote
<ul style="list-style-type: none">• Taking initiatives to uphold the diversity of Harvard's campus by hosting of a virtual club fair and social media engagement.	Jan 2021-Present
Harvard University Foreign Policy Initiative - <i>Policy Chair</i>	Remote
<ul style="list-style-type: none">• Leading and drafting a policy brief on rebuilding the democratic instability of Peru, commissioned by the U.S. Embassy in Peru.• Assisted in the student-led policy project on the violations of human rights in Xinjiang, commissioned by Dr. Elnigar Iltebir.	Jan 2021-Present Oct-Dec 2020
Peru Model UN and Model Congress - <i>Committee Director and Chair</i>	Boston, MA
<ul style="list-style-type: none">• MUN: Helped draft a briefing (link here) and moderate the Legal committee on foreign direct investment and indigenous people.• HMC: Staffed the Foreign Affairs Committee.	Oct-Dec 2020 February 2020

Experience

Harvard Allston Education Portal - <i>Mentor and Speaker</i>	Remote
<ul style="list-style-type: none">• Developed online ELA lessons and taught online to 6th to 8th-grade students in the Summer Explorations Program.	Apr-Aug 2020
Yale Summer Program in Astrophysics - <i>Researcher</i> (link here)	New Haven, CT
<ul style="list-style-type: none">• Modeled the orbit and determined the physical characteristics of the asteroid 2002 UX. Supervised by Dr. Michael D. Faison, Ph.D.	Jun-Aug 2018
Engineering Project - <i>Assistant Researcher</i> (link here).	Remote
<ul style="list-style-type: none">• Spoke at the 235th A.A.S. conference in Honolulu, HI. (abstract here)• Engineered a web interface for a machine-learning algorithm to determine the parameters of stars. Supervised by Dr. Earl Bellinger, Ph.D.	January 2020 2017-2019
Fox Lane Middle/High School - <i>Teaching Assistant and Tutor</i>	Bedford, NY
<ul style="list-style-type: none">• Assisted full-time in 6th to 8th-grade math classes.• Tutoring for the SAT, and in algebra, geometry, and chemistry.• Led, organized, and coordinated the ESL after-school program.	May-Jun 2019 2017-2019 2017-2019

Skills

Technical: Python, PHP, L^AT_EX, HTML, CSS, JavaScript, Java, MATLAB
Language: Spanish (native speaker), Chinese (conversational, intermediate reading and writing)