Alejandra J. Perea Rojas

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🎓 EDUCATION

Harvard University   Cambridge, MA
- A.B. in Applied Mathematics and Economics   Anticipated 2023

Fox Lane High School   Bedford, NY
- Unweighted GPA: 95, National Honor Society   2015-2019

🌐 EXPERIENCE

Harvard University Foreign Policy Initiative   Remote Work
- Assisted in a student-lead research project regarding human rights'   Oct-Dec 2020
  violations in Xinjiang assisted by supervision from Dr. Elnigar Iltebir.

Peru Model UN   Remote Work
- Committee Director: Helped write a study guide and moderate debate   Oct-Dec 2020
  in conference sessions on FDI's impact on indigenous communities.

Harvard Allston Education Portal   Remote Work
- Summer Explorations Program Mentor (Paid): Taught daily zoom   Jul-Aug 2020
  ELA lessons, and developed lesson plans for 6th to 8th grade students
- Self-Advocacy Speaker (Paid) for "Project Teach, Level Up" Program   Apr-Jun 2020

Institute of Politics at the Harvard Kennedy School   Cambridge, MA
- Campaign & Advocacy Program, on electoral & advocacy skills   Feb-May 2020

Harvard Model Congress   Boston, MA
- Finance Committee Senior Staffer and Chair (Remote)   February 2021
- Foreign Affairs Committee Junior Staffer and Chair   February 2020

Fox Lane Middle/High School   Bedford, NY
- Full-time Teacher Assistant in 6th to 8th Grade Math   May-Jun 2019
- Independent Tutor (Paid) in Algebra 1, Chemistry, Geometry & SAT   Sep 2018-Aug 2019

ESL After-School Program PUENTE   Bedford, NY
- President and Tutor: Helped ESL students learn English and Math.   Sep 2017-Jun 2019

McDonald's   Bedford, NY
- Cashier (Paid): Handled currency transactions while maintaining high Jun 2016-July 2018
  standards of customer service in a high-volume environment.

🈯 SKILLS

- Natural: Spanish (Native), English, Mandarin Chinese (Elementary)
- Programming Languages: Python, PHP, HTML, CSS, LaTeX, SQL, JavaScript

⚗ RESEARCH

ENGINEERING A WEB-BASED INTERFACE TO PREDICT THE UNKNOWN Jun 2017-Jul 2019
PHYSICAL PROPERTIES OF SOLAR-LIKE STARS - Supervised by Dr. Earl Bellinger, Ph.D.

- Presentation at the 235th AAS Conference Honolulu, HI January, 2020
  (abstract here)

MODELING THE ORBIT & PHYSICAL CHARACTERISTICS OF NEAR-EARTH Jun-Aug 2018
ASTEROID 2002 UX - Supervised by Dr. Michael D. Faison, Ph.D.

- Published through the Yale Summer Program in Astrophysics at the IAU Minor Planet Center

👥 HOBBIES AND GROUPS

- Women in Computer Science Sep 2019-Present
- Mentor for Act on a Dream Sep-Nov 2020
- Folk Dancer in Harvard Ghungroo February 2020