

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

Education

Harvard University

- A.B. Candidate in Computer Science. GPA: 3.52.
- Relevant coursework: Multivariable Calculus, Linear Algebra, Mechanics, Electromagnetism, Introduction to Probability, and Systems Programming.

Cambridge, MA
May 2024

Skills

Technical: Python, C++, PHP, HTML, CSS, JavaScript, Java, and \LaTeX .

Languages: Spanish (native), Mandarin Chinese (intermediate), and Japanese (beginner).

Relevant Experience

C Minds Through The Remote Summer Program at DRCLAS

- Worked at a women-led action tank for ethical AI in Mexico.
- Assisted in the early stages of installing a Living Lab in Yucatan and a Diabetic Retinopathy AI-based Screening Program in Jalisco.
- Helped draft policy briefs to overcome algorithmic discrimination.

Remote
Apr-Aug 2021

Yale Summer Program in Astrophysics - Student Researcher

- Modeled the orbit and physical characteristics of the asteroid 2002 UX. Supervised by Dr. Michael D. Faison, Ph.D.

New Haven, CT
Jun-Aug 2018

Remote Engineering Project- Web Engineering Assistant

- Spoke at the 235th A.A.S. conference in Honolulu, HI.
- Engineered a web-based interface that uses machine learning to determine the unknown physical parameters of stars. Supervised by Dr. Earl Bellinger, Ph.D. (*abstract here*).

Remote
January 2020
2017-2019

Mentorship and Public Speaking

- Incognia Academy: Speaker and SAT Tutor
- Harvard Allston Education Portal: Speaker and ELA tutor
- Fox Lane High School: Full-time Teaching Assistant

Jun-Aug 2021
Apr-Aug 2020
May-Jun 2019

Leadership & Activities

Undergraduate Council - Campaign Web Director

- Lead organizer and developer for the online image, accessibility, and transparency of an upcoming UC campaign.

Boston, MA
Sep 2019-Present

Act on a Dream - Intersectionality Chair

- Taking initiatives to uphold the diversity of Harvard's campus by hosting of a virtual club fair and social media engagement.

Remote
Jan 2021-Present

Harvard University Foreign Policy Initiative - Policy Chair

- Led the drafting and research for a policy project on rebuilding democracy in Peru (*policy brief here*).
- Helped draft a policy brief on human rights violations of Uyghurs.

Remote
Jan-May 2021

Oct-Dec 2020

Peru Model UN and Model Congress - Committee Director and Chair

- MUN: Chair of the committee on the regulation of foreign direct investment and indigenous communities. Helped draft a policy brief.
- HMC: Chair of Foreign Affairs.

Boston, MA
Oct-Dec 2020
February 2020