

Experience

The New York Times

Graphics Fellow June 2022 – Present

Wrote a visual story about voting shifts among [New York's Asian Americans](#). The story garnered 100,000 views, led The Morning (daily newsletter), and appeared in a two-page print spread. Using both traditional and OSINT reporting, produced breaking visual coverage of: the [police killing](#) of Tyre Nichols, [hurricanes](#), and [elections](#). Reported, and wrote a visual story, on where the 2022 midterms would [affect abortion](#) access.

The Texas Tribune

Fellow June 2021 – August 2021

[Investigated](#) a class cancelation caused by “critical race theory” law. Conducted [beat reporting](#) on race in education and the C.R.T. debates, interviewing more than two dozen teachers and students.

The New York Times

Graphics Intern May 2019 – August 2019 and April 2021 – May 2021

Investigated the scale of [asylum seekers](#) in Mexico by obtaining leaked Senate Judiciary Committee data, and working with NGOs, shelters, researchers, and photographers in ten border cities affected by MPP and metering. Covered [U.S. immigration](#) and protests in [Puerto Rico](#) and [Hong Kong](#) with data and visualization.

Bloomberg News

News Intern June 2020 – August 2020

Interrogated and combined large datasets to cover the intersection of race, labor and climate. Processed [flood risk](#) rasters to report on systemic bias in FEMA flood risk assessments. With location data, wrote a [visual story](#) on disparities in the pandemic's recovery.

Projects

Intersectional Bias in Artificial Intelligence that Grades Interviews Fall '21

Found bias across skin tone and gender in a platform that uses artificial intelligence to automatically judge video interviews. I wrote a program that sent a large, diverse dataset of video interviews into the artificial intelligence. I scraped down the scores and analyzed them, finding bias.

The Legacy of Redlining on Urban Heat Inequity Course: Machine Learning and Climate Change, Spring '22

I used Google Earth Engine to derive temperature data from satellite imagery across 200 cities over 40 years. I analyzed the relationship between redlining infrastructure and heat. I built interactive and filterable maps to facilitate data exploration.

Education

Columbia University (B.S. Computer Science, 2022) — I studied computer science, ethnic studies, data science, and comparative legal studies.

Tools

Data analysis:	Python, R, Google Cloud and AWS, scraping, shell scripting
Visualization and front-end:	D3, JS, Svelte and SvelteKit, WebGL, React, Illustrator
Spatial analysis:	R, GDAL, QGIS