

# Drew An-Pham

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## Experience

### Science Magazine | AAAS

**Graphics Editor** February 2023 - Present

- / Explore, wrangle, and visualize data to assist editors and authors in effectively communicating published research
- / Focus on researching and developing data graphics and cartography for both web and print publications
- / Assist in the pitch and planning process for online interactive pieces

### The Texas Tribune

**Data Visuals Fellow** January 2023 - February 2023

- / Researched, analyzed, and developed graphics for an [investigative story](#) on the Uvalde mass shooting (250k+ unique views and front page featured)
- / Collaborated with news applications and graphics team of 5 to produce maps and graphics for web publication

### Middlebury College Geography

**Research Assistant** June 2021 - August 2022

- / Coded and visualized [climate vulnerability maps](#) using R, as part of an [NSF-funded project](#) focused on improving the reproducibility of geographical science publications via an open source framework
- / Co-authored [reproduction studies](#) on climate vulnerability modeling in Malawi and the distribution of COVID-19 among people with disabilities

**GIS Teaching Assistant** September 2021 - December 2022

- / Provided technical assistance with data wrangling, geospatial analysis, cartographic design, and troubleshooting software errors to over 45 students
- / Assisted in grading problem sets consisting of GIS workflows, cartography, and narrative writing

### NOVA | PBS

**Broadcast Research Intern** September 2021 - December 2021

- / Fact checked scripts for upcoming and re-aired NOVA episodes, such as "Rebuilding Notre Dame," "Alaskan Dinosaurs," and "Crypto Decoded"
- / Researched story components and potential topics for Season 49 of the series
- / Sourced non-proprietary and archival footage for editors

## Education

### Middlebury College

B.A., Geography and Environmental Studies

*Summa Cum Laude*, GPA: 3.83/4.00

## Skills

**Geospatial** / QGIS, ArcGIS, GDAL, Leaflet, Mapbox Studio, Google Earth Engine

**Programming** / R, JavaScript, D3.js, Python, SQL, HTML, CSS, Excel, Git

**Design** / Adobe Creative Suite (Photoshop, Illustrator, InDesign), ArcGIS StoryMaps, Datawrapper, Procreate, Final Cut Pro