

# Drew An-Pham

Cartography, GIS, & Data Graphics

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## EXPERIENCE

### 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 (summer 2021)
- Co-authored reproduction studies on climate vulnerability modeling in Malawi and the distribution of COVID-19 amongst people with disabilities (summer 2021)
- Designed maps for "Mapping the World," a hybrid print and digital atlas for introductory courses in global and international studies, which will be published mid-2023 (summer 2022)

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

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

### Middlebury Geographic

**Editor in Chief** | September 2021 - Present

- Collaborated with the editorial board to select, revise, and publish 6 from 25 articles for the magazine's Fall 2021 issue
- Reformed and updated the current layout design in InDesign alongside the design team for future publications
- Created promotional posters in Photoshop and Illustrator for submission calls

### NOVA | PBS

**Broadcast Research Intern** | September 2021 - October 2021

- Fact checked scripts for upcoming and re-aired NOVA programs/episodes
- Researched story components, potential topics, and sources to interview for future programs

### PBK Architects

**Design Intern** | June 2019 - August 2019

- Created first diversity components portfolio, allowing BIPOC and disabled citizens to be implemented into SketchUp models and renderings

## EDUCATION

### Middlebury College

B.A. with a Joint Major in  
Environmental Studies & Geography

GPA: 3.80/4.00

Graduating May 2023

### University of Oxford

1 of 26 students accepted to study  
abroad at Worcester College for the  
2021-2022 Academic Year

GPA: High 2.1; 3.78/4.00

Attended January 2022 - June 2022

## PROJECTS

### ENERGY DEPENDENCY

#### BY COUNTRY

An interactive visualization  
displaying percentage of energy  
types consumed by country

## SKILLS

### TECHNICAL

QGIS, ArcGIS, R, Python, GDAL, SQL,  
HTML/ CSS, GitHub

### DESIGN

Adobe Creative Suite (Photoshop,  
Illustrator, InDesign), ArcGIS  
StoryMaps, Procreate, Final Cut Pro

### LEARNING

JavaScript, React.js, D3.js, Google  
Earth Engine, DataWrapper

## INTERESTS

Rowing, Hiking, Wes Anderson  
Films, Architecture, R&B Music,  
Boba, Ben & Jerry's Ice Cream