

LEANNE ABRAHAM

ABRAHAM.LEANNE@GMAIL.COM | LEANNEABRAHAM.GITHUB.IO

Work Experience

Planet

2018 – CURRENT • DATA VISUALIZATION ENGINEER

I lead a team of three data visualization engineers to create maps, charts, videos, and interactive visualizations using satellite imagery.

I work closely with media organizations to provide support and imagery for coverage of global events such as the ongoing war in Ukraine, wildfires, and volcanic eruptions.

National Geographic

SUMMER 2018 • INTERN

Researched and designed two thematic atlas spreads for the 11th ed. Atlas of the World, created maps for web publication, and assisted in the creation of maps for publication in National Geographic Magazine.

University of Wisconsin–Madison Cartography Lab

2017 – 2018 • PROJECT ASSISTANT

Created a textbook style guide for the maps and graphics. Created regional reference maps for inclusion in the text.

National Public Radio

SUMMER 2017 • NEWS APPS INTERN

Worked with the Visuals team to research and design web-based graphics, maps, and data visualizations

Selected Talks

NACIS 2021 • OKLAHOMA CITY, OK

A quick and dirty guide to animating maps

NACIS 2020 • VIRTUAL

The Myth of Enhance: Tips and Tricks for Storytelling with Satellite Imagery

NACIS 2018 • NORFOLK, VA

Where do we go from here? Designing better mobile maps

Education

M.S. Cartography & GIS

2016 – 2019 • UNIVERSITY OF WISCONSIN–MADISON

Coursework in advanced cartographic visualization, remote sensing, and GIS. Thesis focused on smartphones as mobile mapping devices and the influence smartphone technology has on our understanding of space and place.

B.A. Geography

B.A. Sociology

2009 – 2013 • SYRACUSE UNIVERSITY

Minor in Global Political Economy. Renée Crown University Honors Program

Skills

Programming & Data Analysis

GDAL, bash scripting, Python (pandas, geopandas, rasterio, altair), Google Earth Engine, Google Cloud Platform, JavaScript, HTML/CSS, Excel/Sheets, Mapshaper, Git

Visualization

QGIS, Adobe CC (Illustrator, Photoshop, After Effects, Premiere Pro), MAPublisher and Geographic Imager, Mapbox Studio, OpenLayers, Leaflet

Core Competencies

Strong knowledge of remote sensing principles and can seamlessly move from pixels to insight • Cartographic Design • Visual Storytelling • Extensive experience preparing graphics for print, digital, and large-format display • Project Management