

## EDUCATION

**Dartmouth College.** Hanover, NH.

AUG 2015 – JUN 2020. Bachelor of Arts in Geography, Minor in English.

- / Senior Fellow — 1 of 4 seniors selected to complete year-long independent project instead of taking classes; High Honors awarded for *Organic Dairyland*, a project that combined narrative journalism and cartography to explore the myths of Vermont's landscape and how the organic dairy industry has shaped them. I used this opportunity to teach myself cartographic methods, D3.js, QGIS, and web development.

## WORK EXPERIENCE

**Critical Geospatial Analysis Lab, Dartmouth College.** Hanover, NH.

Research assistant. JUL 2020 – PRESENT.

- / *Remote Sensing and Visual Storytelling*: designed data collection and analysis methods to explore changes in cartographic design in news media
- / *Critical Remote Sensing*: worked collaboratively with lab director and scholars at HKU & UMass-Amherst to draft an academic paper and NSF grant proposal on the politics of satellite imagery and research practices; developed automated data collection and wrangling tools for web scraping and fuzzy record matching

**Upper Valley Mutual Aid.** Hartford, VT.

Facilitator & collaborator. MAR 2020 – PRESENT.

- / redesigned an intake form for mutual aid requests and streamlined back-end processes to match volunteers with over 1000 requests for assistance
- / wrote R script to automatically retrieve new requests & volunteers from Google Sheets and reformat into user-friendly format for coordinators
- / collaborated with unhoused community members to build temporary shelters

**Upper Valley Land Trust.** Hanover, NH.

Upper Valley Community Impact Research Fellow. JAN 2019 – DEC 2019.

- / reshaped the land trust's 10-year strategic plan and approach to land conservation in order to facilitate more diverse agricultural practices and decrease barriers to land ownership
- / educated consumers about dairy product sourcing through the use of cartography and reporting

**Zolima CityMag (arts & culture magazine).** Hong Kong.

Writer. JUN 2018 – SEP 2018.

- / highlighted overlooked Hong Kong neighborhoods with guides that showcased small hole-in-the-wall eats, community art initiatives, and historical sites

**The Dartmouth (independent campus daily).** Hanover, NH.

Writer. SEP 2017 – DEC 2018.

- / pitched and reported story on how the 2017 repeal of DACA impacted undocumented students

## SKILLS

**Natural Languages.**

English, Mandarin (speaking proficiency), Cantonese (speaking proficiency)

**Programming Languages.**

R, HTML, CSS, Python, Javascript

**Geospatial Analysis & Cartography.**

R, ArcGIS, QGIS, Leaflet, D3.js, Mapbox

**Design Software.**

Adobe Creative Cloud (Photoshop, InDesign, Illustrator), Final Cut Pro, Rhino, Procreate

**Fabrication.**

Laser cutting, 3D printing, CNC router, Boatbuilding

## AWARDS

**Best Digital / Interactive Map, Cartography and Geographic Information Society 2020.**

(for essay *Milk Country*).

**Honorable Mention,**

*The Pudding Cup 2020*  
(for essay *Milk Country*).

**Mecklin Prize in Creative Nonfiction & Journalism,**  
Dartmouth College 2019 & 2020.

**Thomas Henry Ralston IV Prize in Creative Writing,**  
Dartmouth College 2018.