

# ZACH LEVITT

[levittzach@gmail.com](mailto:levittzach@gmail.com) | 413-530-9949 | [zachlevitt.github.io](http://zachlevitt.github.io)

## WORK EXPERIENCE

**Mapbox** (*Rescinded due to COVID-19*)

Summer 2020

*Engineering Intern*

1 of 11 interns selected out of 1,900 applicants globally. Passed HackerRank coding assessment, behavioral interviews, and pairing interview.

**Los Angeles Times**, Los Angeles, CA

Summer 2019

*Graphics and Data Visualization Intern*

Produced interactive and static maps, charts and graphics for web and print publication. Pitched, designed and developed interactive earthquake map showing hypothetical worst-case shaking scenarios for every location in California. Built interactive search and visualizations of top 100 polluting power companies.

**Voting Rights Data Institute (MIT/Tufts)**, Cambridge, MA

Summer 2018

*Summer Fellow*

Designed and built an interactive map of congressional redistricting rules. Analyzed incarceration rates and vote inflation in North Carolina. Collaborated on large-scale Monte-Carlo Markov Chain analysis for redistricting.

## EDUCATION

**Middlebury College**, Middlebury, VT

*B.A in Computer Science and Geography*

Expected Feb 2021, GPA: 3.91/4.0

College Scholar (highest academic honor), every semester

## SKILLS

**Programming:** JavaScript, Python, R, HTML/CSS

**Software/applications:** QGIS, Google Earth Engine (GEE), Illustrator, Photoshop, ArcGIS (Desktop and Online)

## RESEARCH and TEACHING EXPERIENCE

**Middlebury Gender, Sexuality, and Feminist Studies (GSFS) Department**

Sep 2019 – Present

*Research Assistant* (Dr. Carly Thomsen, Assistant Professor of GSFS)

Lead quantitative portion of research project on crisis pregnancy centers and abortion access in the United States, including statistical analysis, map design and writing.

**Middlebury Geography Department**

*Research Assistant* (Dr. Jeff Howarth, Associate Professor of Geography)

Sep 2017 – May 2019

Developed GEE scripts in JavaScript for satellite imagery analysis labs in a new Environmental Geography with GIS course. Applications included climate change, hurricanes, and land cover change.

*GIS Teaching Assistant*

Feb 2017 – May 2019

Provided technical assistance with ArcGIS, QGIS, JavaScript and GEE to students in introductory GIS courses.

*Research Assistant* (Dr. Guntram Herb, Professor of Geography)

Sep 2017 – May 2018

Researched issues related to indigenous experiences with the U.S.-Canada border and produced interactive and static maps for research website.

**Middlebury Computer Science Department**

Feb 2019 – December 2019

*Teaching Assistant and Evening Tutor*

Assist in teaching programming concepts and Python/R to students in introductory computer science courses. Lead weekly evening tutoring sessions for up to 30 students.