

Madison Draper

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EDUCATION

University of California, Berkeley | GPA 3.8

Class of 2018

- Bachelor of Arts, Geography with Honors
- Bachelor of Arts, American Studies with a concentration in City Planning with Honors
- Minor in Geospatial Information Science & Technology
- David A. Rose Scholar for Cartography and Physical Geography
- Related coursework: Data Science: Geography, Web Mapping, City Planning, Geospatial Information Analysis, Cartographic Representation, Geomorphology

EXPERIENCE

Support Engineer at Mapbox

May 2018 - Present

- Supports external and internal users with Maps APIs, Mapbox GL JS, Mapbox.js and Mapbox Studio
- Designs base maps with the Map Design team, focusing on iconography and coloring for navigation maps
- Assists in quality assurance engineering for Mapbox Studio
- SF/Western Lead in the LGBTQIA+ Employee Resource Group
- Presented at MapTime, Stanford's Hydrology Hackathon and the San Francisco Public Library

Reader for Geography 186: Web Cartography at UC Berkeley

March 2018 - Present

- Founded the course with Professor Cowart
- Creates lab assignments for students to learn Leaflet.js, QGIS, D3.js, Mapbox GL JS and Mapbox Studio for designing web maps

Intern for Geography 185: Cartographic Representation at UC Berkeley

2017

- Assists students in the conceptual understanding of cartographic design
- Teaches students Adobe Illustrator, ArcGIS, QGIS, ArcMap Online, Mapbox Studio

Lab Assistant for Geography 80: Web-mapping at UC Berkeley

2017

- Assists students with web mapping and beginning coding for labs
- Teaches students Leaflet.js, Mapbox GL JS, R, QGIS

Speaker and Volunteer at Lesbians Who Tech

2017 - 2019

- Presented on writing customer-obsessed code and the importance of a supportive ecosystem
- Volunteered with set up and recruitment fair

Teacher's Assistant for Ethnic Studies 144AC: Racism & US Law at UC Berkeley

2016 - 2019

- Grades case briefs, midterm and final examinations
- Holds office hours to give feedback on assignments, review material and discuss group projects

Intern at Quantified Self

Summer 2015

- Processed various payments for the Quantified Self Exposition's showcase gallery attendants by using the Square Payment Program to create and record invoices to keep track of payments and purchases so supplies would be ordered and accounted for
- Expanded marketing towards 100+ fitness groups around the San Francisco/Bay Area using social media, like Twitter & MeetUp

SKILLS

- **Languages & Libraries:** JavaScript (React), SQL, Python, Mapbox GL JS, Mapbox.js, Leaflet.js Deck.gl
- **Design and Mapping Software:** Mapbox Studio, QGIS, OpenStreetMap, ArcGIS, ArcGIS Online, Kepler.gl, Adobe Illustrator, Adobe Photoshop, Sketch