

Madison Draper

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Education

University of California, Berkeley

Class of 2018

- GPA: 3.8 | Dean's Honours
- B.A. Geography, honours thesis advised by Alicia Cowart, PhD
- B.A. American Studies, honours thesis advised by Louise Mazingo, MLA & Xiaowei Wang, MLA
- Minor: Geospatial Information Science & Technology
- Cartography, Web Mapping, Data Science: Geography, Geographic Information Analysis, User Interfaces, Software Engineering, Security, Data Structures, Databases

Helix Charter High School

Class of 2014

- GPA: 4.8 | Rank: 3/580 | Kiwanis Key Club | GIS, AP Computer Science, AP Human Geography

Skills

Cartography: Adobe Illustrator, ArcGIS, ArcGIS Online, QGIS, Carto, Mapbox Studio, Mapbox GL JS, Unity, OpenStreetMap, Google Earth Engine, Sketch

Programming: Python, JavaScript/ES6/jQuery, Java, HTML/CSS, SQL, R

Frameworks: Express.js, Bootstrap, Gulp.js, D3.js

Experience

Department of Geography

UC Berkeley

cartography intern

2018

- Assists 30+ students with cartographic representation using Adobe Illustrator, ArcGIS and QGIS
- Guides students in the conceptual decision making of cartographic representation and mapping

Department of Ethnic Studies

UC Berkeley

reader/lead ta

2016-2018

- Graded case briefs, papers and examinations for 40+ students over three semesters
- Held weekly office hours to guide students in their group presentation & discuss court decisions

Kappa Alpha Pi Pre-Law Fraternity

UC Berkeley

webmaster & finance chair

2015-2018

- Responsible for updating and maintaining the fraternity's website and social media pages
- Set goals and requirements for the fraternity to participate in 3 events to raise over \$3000 dollars

California Academy of Sciences

San Francisco, CA

guest services

2016-2017

- Provided excellent customer service and enforced regulations to the 7000+ attendees
- Actively participated in the sales of memberships, tours, GO Cards and CityPasses

Fred Korematsu Institute

San Francisco, CA

policy & legislation intern, education intern

Summer 2016

- Created contacts for local government and historical organisations around the United States
- Helped create and deploy educational packets about Japanese Internment for educators

Quantified Self

North Berkeley, CA

marketing intern

Summer 2015

- Processed invoices and communicated with companies about their status and miscellaneous needs

Projects

Web Cartography Course at the Department of Geography at UC Berkeley

- Created lab assignments using Adobe, Mapbox, Unity, Carto and OSM for an upper division course

BlackLandscapesMatter

- An atlas of static & web maps displaying a spatial representation of the BlackLivesMatter Movement

Git/lite

- A light version control system that can be run locally, written in Java