

## **Aaron Taveras**

Cartography Lab Manager | Department of Geography  
Humboldt State University

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## **EDUCATION**

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- 2015 - 2018 **M.S. Environmental Science** (In Progress)  
Humboldt State University, Arcata, California
- 2009 - 2012 **B.A. Geography, Minor in Geospatial Sciences**  
Humboldt State University, Arcata, California

## **PROFESSIONAL EXPERIENCE**

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- 2015 - Present **Cartography Lab Manager**  
Department of Geography, Humboldt State University  
Arcata, California
- 2013 - Present **Founder | Independent Cartographer & Web-developer**  
Atelier Cartography: Maps, Design & Analysis  
Arcata, California
- 2013 - Present **Contract Cartographer | Map Editor**  
National Geographic Maps  
Evergreen, Colorado
- 2012 - 2013 **Cartographer**  
Cartographic Services Lab, University of Kansas  
Lawrence, Kansas

## **AWARDS & RECOGNITION**

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- October 2013 **First Place** | NACIS (North American Cartographic Information Society)  
Annual map design competition
- October 2012 **First Place** | NACIS (North American Cartographic Information Society)  
Annual map design competition
- April 2012 **First Place** | CGS (California Geographical Society)  
Annual print map competition

## TEACHING EXPERIENCE

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- 2015 - 2017 **Workshops on cartographic methods**  
Held periodically through the Cartography Club  
Department of Geography, Humboldt State University
- 2012 - 2013 **Introduction to Cartography**  
Lead class sessions on data structure & generalization  
Department of Geography, University of Kansas, Spring 2013

## TECHNICAL SKILLS

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- Software
- Adobe Creative Cloud: Illustrator, Photoshop, InDesign & Dreamweaver
  - Avenza: MAPublisher 8.0-10 & Geographic Imager (All versions)
  - Natural Scene Designer Pro 6.0 & 7.0
  - ArcGIS/ArcMAP (All versions) & ArcPro
  - QGIS (All versions)
  - ERDAS Imagine & ENVI
  - Mapbox, Mapbox Studio & CartoDB
  - Leaflet, CartoCSS, Mapbox JS & Mapbox GL
  - Microsoft Office (All versions)
  - Github & Gitlab

## CAPABILITIES

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- Cartography & Geographic Analysis
- Cartographic design & editing: Print & web (Interactive maps)
  - Shaded relief presentation & terrain modeling
  - Digitization from hardcopy & digital sources
  - Geospatial data collection, file preparation & geo-referencing
  - Cartographic & geographic research
  - Remote sensing & GPS techniques
  - Vector & raster GIS analysis
- Graphics & Web Design
- Layout, grids & typography
  - HTML, CSS & basic JavaScript
  - Poster, branding & editorial design
  - Pre-press file preparation for digital & offset printing

## PROJECTS

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Fall 2015 **University of Kansas, Art and Design Gallery Exhibit**  
Making Terrain: Shaded Relief Narratives

A friend and doctoral student at KU and I developed a large map exhibit that was shown in the KU Art and Design Gallery for the first two weeks of the 2015 spring semester. The show exhibited a wide range of maps that exemplified great manual and digital shaded reliefs and terrain maps. We had many amazing contributors, such as National Geographic Magazine, Alex Tait from International Mapping, and the National Park Service. We also exhibited some of our own work, and were proud to share these maps that we admire with the community.

Spring 2013 **Remote Sensing Balloon Mission**  
Department of Geography, University of Kansas

This project was a joint effort between graduate students and undergraduates to design, build, launch, and retrieve a balloon mounted color infrared remote sensing platform. The semester long project was a team building exercise that also allowed us to learn about remote sensing concepts through hands on experience. My involvement was on the electronics end where I helped set up the camera; I also created a simple web presence, retrieved the device, and georeferenced the imagery. The project was a success and we were able to gather good imagery and publish our results.