

Scott Sherwin Farley

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Education

Masters of Science, Cartography & GIS

Anticipated Spring 2017

University of Wisconsin, Madison

Masters Thesis Project: Paleoecological data visualization: A mixed-method needs assessment

Coursework to date: Principles of Cartography · Graphic Design in Cartography · Geocomputing

Bachelors of Arts with Honors, Geography

2014

University of California, Berkeley

GPA: 3.84 / 3.93 (overall/major)

Honors Thesis: Geographic Information System Modeling of Wildland Fire Behavior and Forest Hazard

Academic Emphases: GIS · Earth Systems Science · Human-Environment Interaction

Professional Experience

CEO

8/2014 - present

Firesphere, LLC

Founded and manage a firm to develop wildfire risk models for use in residential areas. Designed and implemented a mobile app-web portal coupled system to facilitate communication of model output and a server-side risk computation system to calculate potential fire behavior at high spatial and temporal resolutions.

Researcher

1/2014 - 8/2015

University of California, Berkeley

Created a robust history of climate and vegetation history in California for the last 22,000 years using statistical and machine learning methods. Planned, developed, and implemented a centralized system for storing and visualizing paleoecological datasets.

Teaching Assistant

1/2015 - 5/2015

University of California, Berkeley

Worked with advanced graduate students in UC Berkeley's environmental modeling capstone course to improve geospatial data collection, manipulation, and modeling in support of class projects.

Technical Skills

Geospatial

ArcGIS Desktop Suite · QGIS · CartoCSS and Mapbox Studio · Open-source geoprocessing tools

Languages

Python · Javascript · MySQL · HTML & CSS · PHP

Other

Adobe Creative Suite · Microsoft Office Suite · Full-stack workflows · Cross platform development

Honors and Awards

University Fellowship, University of Wisconsin, Madison

2015

Odebolt Fellowship, University of Wisconsin, Madison

2015

Undergraduate Research Fellowship, University of California, Berkeley

2013

Member, Phi Beta Kappa Honors Society

2014

Nuefield Award for Highest GPA Among Student-Athletes, University of California, Berkeley

2014

Dean's List, College of Letters and Science, University of California, Berkeley

2012 & 2014