

Scott Farley

626-264-0741 | scottsfarley.com | scottsfarley@gmail.com | github: scottsfarley93

Highlighted Projects

Ice Age Mapper

A tool for multidimensional exploration of paleoecological change data

Wooden Ships

Interactive visualization of 200 years of pre-industrial maritime trade

Firesphere

Mobile application and web portal for real-time community wildfire risk data

Skills

Languages

Javascript
HTML & CSS
Node.js
Python
R

Geospatial

ArcGIS
QGIS
GDAL/OGR
CartoCSS
Postgres/PostGIS

Development

Full-stack workflows
Data service implementation
Machine learning
UI/UX design and evaluation

Work Experience

Teaching Assistant

2016

University of Wisconsin, Madison

Developed lab assignments, worksheets, and exercises to promote student problem solving, computational thinking, and familiarity with prominent geocomputing tools in an introductory programming course.

Founder and CEO

2014-2015

Firesphere, LLC

Developed a wildfire risk modeling technology for use in residential areas and implemented it using a mobile app-web portal coupled system. Designed compelling client-facing visualizations and a server-based risk calculation engine for real-time data delivery.

Web Developer

2014-2015

University of California, Berkeley

Planned, developed, and implemented an open-source system for managing paleo-ecological datasets to promote data sharing and visualization while ensuring data provenance.

Education

Masters of Science

2017

Cartography and GIS

University of Wisconsin, Madison

Bachelors of Arts with Honors

2014

Geography

University of California, Berkeley