Jeffrey Van Rees

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About me

Hello, my name if Jeff, and in Winter 2017 I will be amongst the first group of graduates from the University of Wisconsin's GIS and Web Map Programming Master's degree program. This unique program focusses on Cartography, Data Visualization, Development, and GIS and how they work together. I have a passion for open-source GIS. My favorite technology in all the geospatial realm is PostGIS and working with a company that shares this view would be ideal.

Objective

Seeking a position at a forward thinking spatial organization to push the boundaries of web mapping and visualization. I have built web mapping applications from the ground up and understand the challenges that come at each level from prepping data to user experience. I look forward to applying my skills gained through one of the nation's top cartography programs at your organization.

Skills

Desktop GIS
- > QGIS
- > ArcGIS
- > GDAL/ OGR

GIS Development
- > Python
- > ArcPy
- > GDAL + NumPy

Database
- > PostgreSQL
- > PostGIS
- > SQL
- > Database Design
- > Optimization
- > Web Apps

Graphic Design
- > Illustrator
- > Photoshop
- > Inkscape

Cartography
- > Visual Form
- > Visual Hierarchy
- > Visual Variables

Web Mapping
- > Leaflet
- > Mapbox-GL

Front End Web
- > JavaScript
- > HTML
- > CSS
- > Pug/Jade
- > jQuery
- > Bootstrap

Back End Web
- > Node.js
- > Express.js

Mobile
- > Android SDK
- > React Native

Education

Colorado State University Fort Collins

Bachelor of Arts in Anthropology; minor in Geography

University of Wisconsin Madison WI

Master of Science Cartography/ GIS (GIS Development option)

Work History

Center for Environmental Management of Military Lands
Data Technician
- Wildfire Fire Program
- QA Raster, Vector, and Tabular Fire data
- Create ignition polygons and calculate ignition probability

Safeway Inc.
Produce Clerk
- Stock, rotate, and cull Fresh Produce
- Developed ability to stay organized in fast paced environment with high standards
- Organize department to maximize sales

AmeriCorps*NCCC
- Gutting and cleaning out flooded houses in New Orleans, LA post Hurricane Katrina.
- Teachers Aid in a fourth-grade class in a neighborhood in The Bronx, NY
- Habitat for Humanity in Portland, Maine