GERI ROSENBERG

GIS Analyst and Planner

About

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in gerirosenberg

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GIS

Expert
ArcGIS Pro ArcGIS Online
QGIS

Cartography

Expert
Illustrator InDesign

Geocomputing

Expert
GDAL & OGR Python

Web Development

Expert
CSS Git HTML5
Javascript

Databases

Intermediate
MySQL PostGIS
PostGreSQL

Javascript Libraries

Intermediate
jQuery Leaflet Mapbox
OpenStreetMap ReactJS

Education

University of Wisconsin- Madison   *08/2018 - 08/2019*
Certificate, Advanced GIS and Web Map Programming

- Cartography
- Geocomputing & Spatial Analysis
- Databases
- Interactive Visualizations

Wesleyan University (Middletown, CT)   *08/2008 - 05/2012*
B.A. American Studies, Psychology
Urban History and Development

Experience

Cambridge Systematics   *07/2019 - 03/2020*
Transportation Analyst, Planning

- Deputy project manager for $1M FTA contract; directed team through complex Federal security process and trained colleagues in expansive database access, organization, and queries
- Developed analysis strategy for economic data from 41 transit agencies in Virginia, accounting for 175M annual ridership, $575M+ in payroll, and $480M+ in capital spending
- Collected, segmented, and analyzed data for state DOT performance measures (with focus on road safety); led QA/QC and developed static visualizations and maps for reports

Smart Growth America   *04/2016 - 03/2019*
Program Associate, Economic Development

- Deputy project manager for $2M FTA transit-oriented development technical assistance contract; compiled quarterly financial and descriptive reports and led call agendas
- Surveyed real estate/land use and developed maps for 20+ technical assistance recipients, focused in transit-oriented development and downtown redevelopment
- Built from scratch a two-part study tour showcasing downtown redevelopment and talent attraction innovation, in Denver and Greenville, SC
- Researched for and co-authored rural affordable housing toolkit

Communities for Transit   *08/2013 - 03/2016*
Project Manager

- Mobilized public education campaign for the planned Bus Rapid Transit System (BRT) in Montgomery County, MD & recruited coalition of supporters
- Developed best practices BRT design guide for stakeholders & community

Accomplishments

First Place, Group Student Dynamic Map Competition (2019)
North American Cartographic Information Society (NACIS)

Colorado Trail Thru-Hiker
Solo-backpacked 485 miles between Denver and Durango in 24 days

Work Samples

Careless Decay: Dental Deserts in the United States
Interactive story map awarded first place in NACIS competition

How the D.C. Region Gets to Work
Interactive D3 map and graph from census data