Owen Clark

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SUMMARY

A geography and technology enthusiast using GIS and spatial data to create interesting and informative maps and visualizations. I am always impressed by the variety and depth of information that can be communicated through maps, each telling a story about a people or a place. GIS is a diverse and powerful tool I use to help people make better and more informed decisions.

Portfolio and recent work: https://owencclark.github.io/portfolio

EXPERIENCE

BAE SYSTEMS Inc. Mount Laurel, NJ   June 2018 – Oct 2020

GIS Technician II
- Used ArcMap to extract features, merge data sets, maintain attribute data, and perform spatial analysis with overlayed satellite imagery
- Worked on the NGA's Janus Geography contract worth 920M to provide content management of topographic and human geography data
- Extracted and validated features for the NGAs DVOF database
- Experience working with large datasets numbering in the hundreds of thousands of features
- Preformed QA/QC checks with python scripts before final product delivery to clients

OLD VILLAGE MASTER PAINTERS Inc. Gwynedd Valley, PA   June 2009 – Dec 2017

EDUCATION

Temple University, Philadelphia, PA   August 2020
Professional Science Masters in GIS

Temple University, Philadelphia, PA   January 2011
Bachelor of Arts in Geography and Urban Studies
Minor in History

RELEVANT COURSEWORK

- Developed familiarity with GIS software such as ArcGIS 10.x and QGIS to perform complex spatial operations and analysis
- Utilized Python and ArcPy to acquire data and perform a compactness analysis comparing PA congressional districts in 2011 and 2018
- Gathered and processed LiDAR point clouds into DEM and DSM raster images with Python
- Used JavaScript and MapBox to visualize thermal comfort data in an urban setting

TECHNICAL SKILLS

- Programming: Python │ SQL │ JavaScript │ R │ HTML │ CSS

- Software: ArcMap10.x │ ArcGIS Pro | QGIS │ Microsoft Office Suite