Owen Clark

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SUMMARY

A GIS and technology enthusiast skilled in ESRI products as well as open source GIS software. Attention to detail as well as learning new tools and technologies to better solve problems. Demonstrated ability to work well as part of a team and prioritize tasks effectively to meet demands in a timely manner.

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

EXPERIENCE

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

GIS Technician II
- Used ArcMap to extract features, conflate data sets, maintain attribute data, and perform spatial analysis
- Preformed quality assurance and metadata checks with automated python scripts before final product delivery to clients
- Used communication and strong interpersonal skills to work as part of a team and complete work on time and within project scope

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

RELEVANT COURSEWORK

- Developed familiarity with GIS software such as ArcGIS 10.x and QGIS to perform complex spatial operations and analysis
- Worked with R to acquire and visualize census data and voter demographics
- 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
- Used JavaScript to visualize thermal comfort data in an urban setting.
  - https://owencclark.github.io/Urban_Heat_Vulnerability

TECHNICAL SKILLS

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

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