

Brian Slobotsky

🏠 Aberdeen, NJ
🌐 slobotsky.github.io
✉ bslobotsky@gmail.com

EDUCATION

- **University of Maryland**, College Park, MD August 2019 – May 2020
M.S. in Geography
“Estimating Commercial and Residential Food Waste Generation at County Scale”
Recipient of the Brian R. Melchior Research Scholarship
- **University of Maryland**, College Park, MD August 2016 – May 2019
B.S. in GIS; 3.93 GPA
Recipient of the James R. Anderson Award (highest departmental honor, awarded to one undergraduate per year); Achieved the College of Behavior & Social Sciences Dean’s List all six semesters.

RELEVANT EXPERIENCE

- **Mott MacDonald**, GIS Technician II (subcontracted via RCS Corporation) July 2021 – Present
Mapping natural gas assets with Smallworld software and as-built documents while adhering to standards defined by the client. Performing quality control both on my work and the work of others. Working efficiently to meet time-sensitive quotas.
- **UMD Center for Geospatial Information Science**, Researcher May 2019 – August 2019
Assisted two professors in spatial statistics research and data visualization using R, QGIS, and ArcGIS. Worked on development of the Maryland Environmental Justice Screening Tool web map.
- **University of Maryland Campus GIS**, GIS Intern September 2018 – December 2018
Produced maps for underground utility systems from digitized CAD data using ArcCatalog Spatial ETL tools and ArcMap. Published the maps into a web application on ArcGIS Online with HTML coding. Worked with three-dimensional modeling of buildings and roof shapes in ArcGIS Pro using LIDAR data.
- **START**, Geospatial Intelligence Intern August 2017 – December 2017
Conducted research on the relationship between conflict and resource scarcity in Ethiopia with Microsoft Excel pivot tables, ArcGIS 10.5, model builder, spatial statistics tools, SPSS, and R. Remained flexible in order to complete daily side-tasks from supervisors.

SKILLS

- Proficient in ArcGIS (including Online and Pro), Microsoft Office (including Excel)
- Proficient in Python (including ArcPy, CenPy, and Pandas), R, and SQL
- Familiar with HTML, JavaScript (including Leaflet), QGIS, and Carto
- ESRI certifications: Network Analyst, Geodatabase Domains and Subtypes, Web AppBuilder for ArcGIS