Brian Slobotsky

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RELEVANT EXPERIENCE

- **Baltimore City Public Schools**, Associate GIS   February 2022 – Present
  Providing spatial data visualization to supplement presentations and reports using ArcGIS Pro, SQL, Python, and Adobe InDesign. Fulfilling data and map requests from both internal and external sources timely and thoroughly. Maintaining relational database management system with up-to-date data. Designing interactive web applications with ArcGIS Online and ArcGIS Enterprise

- **Mott MacDonald**, GIS Technician II (subcontracted via RCS Corporation)   July 2021 – February 2022
  Mapped natural gas assets with Smallworld software and as-built documents while adhering to standards defined by the client. Performed quality control both on my work and the work of others. Worked 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, model builder, spatial statistics tools, SPSS, and R. Remained flexible in order to complete daily side-tasks from supervisors.

EDUCATION

- **University of Maryland**   August 2019 – May 2020
  M.S. in Geography

- **University of Maryland**   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.

SKILLS

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