

# Paula Jones

Experienced geospatial specialist with a focus on data wrangling, spatial analysis, and web development

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## Relevant Experience

**Tax Map Technician** · Erie County 07/2023 - Present  
Buffalo, NY

- Interpret descriptions of property conveyance from deeds.
- Perform edits to the County tax map in an SDE geodatabase utilizing versioning and topology.
- Spearhead department's transition from ArcMap to ArcGIS Pro.

**Land Survey Instrument Operator** · Steve A. Carver Land Survey Services  
07/2022 - 07/2023  
North Tonawanda, NY

- Operate total station for residential boundary surveys.
- Perform property research utilizing deeds and tax maps.

**GIS Specialist** · CartoLab LLC 08/2020 - 04/2022  
Remote

- Produced, published, and administered GIS content, services, and apps using ArcGIS products (e.g. AGOL, Survey123, Field Maps, Hub Sites) for a wide range of clients in the public and private sectors.
- Created ETL pipelines and performed QA/QC on data stored in PostgreSQL databases using FME and Python.
- Contributed to Mapbox GL JS web mapping projects utilizing third-party APIs and GitHub version control.
- Authored end-user documentation and assisted clients with best practices for systems such as AWS, AGOL, and ArcGIS Enterprise.

**GIS Specialist** · GISpatial, LLC 02/2019 - 08/2020  
Remote

- Utilized tax parcels, PLSS legal descriptions, and CAD data to perform deed plotting and create land ownership maps for pipeline and other energy projects in Texas and New Mexico.
- Authored a set of ArcPy geoprocessing tools to automate repetitive mapping tasks.

**GIS Analyst** · Texas Department of Transportation 01/2018 - 10/2018  
Austin, TX

- Created and verified route and event data in ArcGIS and other linear referencing applications.
- Utilized SQL and Python scripting to compile data for state and federal reports.

## Skills

### Esri Software

ArcGIS Pro, ArcMap, Enterprise, Online, Survey123, Field Maps, Web AppBuilder, Experience Builder, Hub Sites

### Programming Languages

SQL, Python, JavaScript, HTML, CSS, R

### Tools & Platforms

Git, GitHub, PostgreSQL, PostGIS, GDAL, SQL Server, Excel, QGIS, FME, Adobe Illustrator, Amazon Web Services, Netlify, Visual Studio

## Education

### MS Geography

Texas State University

### BA Geography

### BA Urban & Regional Planning

SUNY Buffalo State University

### Undergraduate coursework in Civil Engineering

University at Buffalo

**Transportation Planning Intern** · Alliance Transportation Group 09/2017 - 12/2017

Austin, TX

- Acquired and analyzed land use, economic, demographic, and traffic data.
- Created maps and graphics for technical planning reports using ArcGIS Pro and Adobe Illustrator.

**Graduate Teaching Assistant** · Texas State University 08/2016 - 12/2017

San Marcos, TX

- Lab instructor for two undergraduate GIS courses.

**Research Assistant** · Center for Health & Social Research, SUNY Buffalo State 09/2015 - 01/2017

Buffalo, NY

- Performed mapmaking and statistical analysis for policy reports utilizing Census, health, and crime data.
- Developed web mapping applications using ArcGIS JavaScript API.

**GIS Intern** · Erie County 07/2013 - 09/2015

Buffalo, NY

- Collected stormwater infrastructure data using a Trimble GPS unit.
- Digitized stormwater conveyance features, performed QA/QC on field-collected data, and designed map layouts in ArcMap.