

Brian Bergstrom

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GIS PROFESSIONAL

GIS Analyst who turns overlooked problems into clear, data-backed findings — from proving real food insecurity exists in one of the wealthiest counties in the country to mapping community mental health needs across DuPage County. Strong in spatial and demographic analysis, Python-based geospatial data work, and turning complex data into tools non-technical stakeholders can actually use.

CERTIFICATIONS

- Web Technician
- Database Proficiency
- Esri MOOCs: Spatial Analysis, Cartography

SKILLS/TOOLS

- QGIS, ArcGIS Pro, ArcGIS Online, Arcade, ArcGIS Insights, Experience Builder, StoryMaps
- Spatial analysis, Cartographic design, Demographic & accessibility research
- Python, Anaconda, matplotlib, NumPy, Pandas, DuckDB
- Leafmap, OpenStreetMap, OSMnx, Geemap, Google Earth Engine
- Cloud-native geospatial data (GeoParquet, AWS S3), REST/API integration (U.S. Census API)
- HTML5, CSS3, JavaScript, Databases, SQL, Excel (advanced), Access
- Leadership, Team Building, Problem Solving, Analytical, Critical Thinking
- Dashboard creation, GIS scripting, Application design, Web authoring

EDUCATION

- Master of Science in Geographic Information Systems (GIS) Completed December 2023
Elmhurst University Elmhurst, IL
- Capstone: analyzed food insecurity in DuPage County by layering Census demographic data against SNAP retailer and Pace bus-route data in ArcGIS Online and Arcade — found only 166 of 523 SNAP-accepting locations (31%) were reachable by bus after more than half of Pace's routes were cut in 2022
 - Worked with students in an online team environment, advocating for those who felt unheard and collaborating on shared geospatial projects
 - Built geospatial applications to help the community, staying current with the field through regular industry conferences
- Bachelor of Science in Information Technology Completed May 2018
American InterContinental University (AIU Online) Schaumburg, IL
- Learned to work with others in a team environment and work around different schedules
 - Developed time management skills along with healthy work/life balance
 - Lead group projects regularly to establish strong leadership and project management skills
- Associate of Arts Completed May 5 2015
College of DuPage Glen Ellyn, IL
- Founded a mental health awareness club on campus, securing funding and partnerships through student-led fundraising and collaboration with other campus organizations
 - Worked with many different student clubs to establish awareness and advocacy
 - Won two awards for helping PTK Honors Society in Honors in Action Project
 - Developed a foundation for mental health advocacy on campus

INDEPENDENT STUDY

Open-Source GIS & Geospatial Development

2023 – Present

- Self-directed study of open-source GIS and Python tools (geemap, leafmap, OSMnx, DuckDB) under practitioners including Qiusheng Wu and Milan Janosov
- Built and deployed an Illinois healthcare-accessibility dashboard streaming live Overture Maps GeoParquet data from AWS S3 alongside the U.S. Census API — its clustering methodology was independently recognized by a GIS data consultant on LinkedIn
- Rebuilt and expanded prior food-access research into a new open-source tool analyzing food-pantry accessibility via public transit across a 90-mile Chicago-area radius

PROFESSIONAL EXPERIENCE

NAMI DuPage

Wheaton, IL

Program Data Coordinator

2023

- Cleaned up program data that was messy and inaccurate using pandas and performed data analysis
- Provided numbers to teammates to help them better evaluate program metrics and finalized data into shared Excel reports for team review
- Worked alongside grant writer to create grant reports to get funding for the organization
- Accomplished goals and tasks in a timely manner, often earlier than the deadline

GIS Intern

March – May 2023

- Secured an Esri nonprofit grant (sponsored by DuPage GIS), saving NAMI DuPage thousands of dollars in ArcGIS Enterprise licensing while enabling ongoing GIS data management and web map services
- Created GIS apps using GIS scripting, application design, and web authoring; managed ArcGIS Enterprise user groups and content permissions
- Collected data from 31 community interviews via Survey123 to build a StoryMap mapping mental health resources across DuPage County, applying cartographic principles

Jewel-Osco

Lisle, IL

Cashier/Service Clerk

2001-2014

- Provided customer service to shoppers
- Helped find items customers needed
- Accurately balanced drawer with various types of tender
- Routinely showed up early

