



Brendan Cullen

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Experience

Planning Technician

Chautauqua County Division of Planning & Community Development | Jan 20'–Present
Develop maps and other cartographic products. Analyze and organize data for planning studies. Assist in the preparation and administration of county planning programs and grants.

GIS Programmer/Analyst

Seneca County Auditor's Office. | Jan 19'–Jan 20'
Maintain, further develop, and promote the Geographic Information Data Library of Seneca County. Automate data processing workflows between the Auditor's office, other County Departments, and outside contractors. Produce Agricultural Use Valuation Reports.

Planning & GIS Intern

Orange County Planning Dept. | Jun 18'–Aug 18'
Produced cartographic and spatial data products using ArcGIS for county planning projects and various advocacy and development groups. Built suitability model tools using Modelbuilder and Python. Created diagrams and figures for county reports.

Student Researcher

Geneseo Research Assistantship | Jan 18'–May 18'
Funded by the Dean Johnston Foundation Award. Assisted supervising professor with production and organization of forest-modeling results. Developed various maps and figures using ArcGIS and Excel. Contributed to publication of research material.

Sustainability Intern

Geneseo Office of Sustainability | Aug 16'–May 18'
Managed general office communication. Organized sustainability-focused community events and workshops. Coordinated Tree Campus USA Recertification. Managed SUNY Geneseo eGarden projects.

NSF Research Assistant

SUNY Research Foundation | May 17'–Aug 17'
Transcribed qualitative historical information into a GIS database. Geo-referenced and digitized historical maps using ArcGIS. Contributed to the long-term research goals.

Key Projects

Food System Asset Map | Chautauqua County Division of Planning & Community Development - 2020
Seneca County Park District Trail Maps | Seneca County Park District - 2019
Electric Vehicle Charging Station Suitability | Orange County Department of Planning - 2018
Assessing the Environmental, Human Drivers and Cultural Dimensions of Changes in Oak Forests of the Eastern United States | SUNY Research Foundation at Geneseo - 2017

Education

Bachelors of Arts in Geography/ Environmental Studies

SUNY Geneseo | Aug 14' – May 18'

Relevant Coursework:

Experimental GIS, Advanced GIS, Methods in Historical GIS, Intro to GIS, Experimental Cartography, Cartography, Research Experience in Human Geography, Conservation & Resource Management, Python, Spatial Statistics, Environmental Issues, Geological Environment, Geology of Climate Change, Weather & Climate, Physical Geography, Intro to Urban & Regional Planning

Skills

GIS (ESRI Suite, QGIS, Leaflet)
Programming (Python, HTML, CSS, JS)
Data Management & Organization
Microsoft Office Suite
Cartography & Data Visualization
Spatial & Critical Thinking
Written & Oral Community

Honors & Awards

2nd Place - Map Competition
Annual Ohio GIS Conference | Sep 19'

Leadership in Sustainability Award
SUNY Geneseo | May 18'

Student Research Grant
Dean Johnston Foundation | Dec 17'

Dean's List
SUNY Geneseo | Fall 16', Spring 18'

Eagle Scout
Boy Scouts of America | Jun 14'

Scholarship
Lewisboro Land Trust | May 14'