Brendan Cullen

Home: Ashville, NY 14710   E-mail: brendancullen996@gmail.com
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Experience

Planning Technician

Chautauqua County Department of Planning & Development | Jan 20'– Present
Develop web-maps, static 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'
Maintained, further developed, and promoted the Geographic Information Data Library of Seneca County. Automated data processing workflows between the Auditor's Office, other departments, and outside contractors. Produced agricultural use valuation reports.

Planning & GIS Intern

Orange County Planning Dept. | Jun 18'–Aug 18'
Produced cartographic products 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

SUNY Geneseo | 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.

NSF Research Assistant

SUNY Research Foundation | May 17'–Aug 17'
Transcribed qualitative historical data into a GIS database. Geo-referenced and digitized historical maps using ArcGIS. Contributed to NSF-funded project "Assessing the Environmental, Human Drivers and Cultural Dimensions of Changes in Oak Forests of the Eastern United States."

Education

Graduate Certificate in Geospatial Programming and Web Map Development

Penn State | May 20' – Present

Relevant Coursework: GIS Programming & Software Development, Web Application Development, Open Web Mapping

Bachelors of Arts in Geography/Environmental Studies

State University of New York at Geneseo | Aug 14' – May 18'

Skills

GIS (ESRI Suite, QGIS, Leaflet, ArcGIS API)

Programming (Python, Javascript, HTML, CSS)

Data Analysis & Management

Cartography & Data Visualization

Urban & Regional Planning

Project Management

Written & Oral Communication

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'

Eagle Scout
Boy Scouts of America | Jun 14'

Scholarship
Lewisboro Land Trust | May 14'

Key Projects

Food System Asset Web Map | Chautauqua County Department of Planning & Development - 2020
Seneca County Park District Trail Maps | Seneca County Park District - 2019
Electric Vehicle Charging Station Suitability Study | Orange County Planning Department - 2018