

CONTACT

- 407-405-6011
- gzeckowski@gmail.com
- <https://gzeckowski.github.io/>
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TECHNICAL SKILLS

- GIS & Mapping Platforms:**
 - ArcGIS Pro, ArcGIS Online, ArcGIS Dashboard, Field Maps, Survey123, StoryMaps, QGIS, Leaflet.js, Google Maps, OpenStreetMap, QGIS
- Programming & Web Tools:**
 - Python, JavaScript, SQL, HTML, Jupyter Notebooks
- Data Analysis & Visualization:**
 - ArcGIS ModelBuilder, ArcGIS Machine Learning Tools, Microsoft Excel
- Field & Environmental Tools:**
 - GPS/Garmin Devices, Benthic Macroinvertebrate Sampling, Physical Habitat Assessments, Species Identification (Eastern U.S. Birds), Triangulation

EDUCATION

- University of Maryland - College Park**
M.S. Geospatial Information Sciences | 2025
- University of Maryland - College Park**
B.S. Environmental Science and Policy | 2023
Wildlife Biology and Management
Minor: Geographic Information Systems

CERTIFICATIONS

- MBSS Benthic Macroinvertebrate Field Sampling Certification
- MBSS Physical Habitat Assessment Certification
- Adult First Aid/CPR/AED

GWENDOLYN ZECKOWSKI

M.S. Geospatial Information Sciences | GIS Analyst | Environmental Scientist

PROFESSIONAL EXPERIENCE

- Environmental Scientist** *AUGUST 2024 - PRESENT*
Clean Streams LLC - Prince Georges County, MD
 - Participated in the Maryland Biological Stream Survey (MBSS) and geomorphological assessments
 - Processed soil samples for bulk density at TetraTech lab
- GIS Analyst** *AUGUST 2024 - MAY 2025*
Clean Streams LLC - Maryland Department of Natural Resources
 - Conducted spatial analysis for stream sampling locations using ArcGIS Pro
 - Created statewide landownership maps to facilitate access permissions
 - Managed outreach records in GIS database systems
- GIS Analyst Internship** *JUNE 2024 - SEPTEMBER 2024*
Architect of the Capital - Washington, D.C.
 - Used ArcGIS with Davey TreeKeeper System to map over 500 acres of vegetation
 - Digitized and maintained detailed records of shrub polygons for federal landscaping projects
- Capital Power Plant Internship** *JUNE 2023 - AUGUST 2023*
Architect of the Capital - Washington, D.C.
 - Presented plant tours highlighting environmental and eGrid operations
 - Assisted in hazardous material handling and chemical delivery protocols
- National Wildlife Refuge Waterbird Intern** *MAY 2021 - AUGUST 2021*
U.S. Fish and Wildlife Services - Petit Manan and Ship Island, Maine
 - Banded and checked productivity plots for Arctic and Common Terns
 - Handled Black Guillemot, Common Eiders, and Atlantic Puffins
 - Collected blood samples, performed nest counts, and monitored chick provisioning behavior
 - Analyzed behavioral data from 4-hour field observation windows
- Waterbird Research Intern** *MAY 2019 - AUGUST 2019*
USGS Patuxent Research Refuge - Laurel, MD
 - Conducted breeding population surveys and nest monitoring on shorebirds
 - Banded and re-sighted terns using USGS BBL and plastic tags
 - Developed GPS-based nest location maps in ArcGIS