Caitlin Bolton

ph: 607.423.5297
caitlinbolton@yahoo.com
linkedin.com/in/caitlinbolton

Experience

Teaching Assistant

Binghamton University
Binghamton, NY, Jan. 2018 - May 2019
- Created weekly lab lectures and led discussions for Physical, Economic and Historical Geography
- Evaluated and recorded student coursework
- Guided students individually through assignment questions and provided performance feedback

GIS Database and Mapping Intern

SUNY Cortland - Regional GIS Lab
Cortland, NY, May. 2018 - August 2018
- Collected invasive plant data from online and field-based sources
- Analyzed and organized spatial data regarding the impacts and eradication efforts of invasice plants
- Designed maps regarding the presence and movement of alien plant species throughout Finger Lakes National Forest

Landscape Restoration Specialist

NYS Office of Parks
Trumansburg, NY, April 2017 - Dec. 2017
- Planned & implemented native plantings throughout the Central New York region
- Coordinated with park staff and organized labor and equipment for large work planting and restoratioin projects
- Created educational material and programs for park patrons

Conservation Steward Intern

NYS FORCES
Trumansburg, NY, Jan. 2017 - April 2017
- Conducted post-treatment surveys for targeted eastern hemlock trees concerning the presence of Hemlock Woolly Adelgid.
- Co-wrote a grant for invasive species control & pollinator meadow creation.
- Worked on Emerald Ash Borer management plans for Parks in the Finger Lakes Region.

Environmental Educator & Mentor

Lime Hollow Nature Center
Cortland, NY, August 2016 - Sept. 2016
- Mentored and supervised children at an outdoor environmental summer camp
- Led students on guided wilderness hikes
- Planned & supervised daily camp activities

Service Technician

Cornell Crop and Soil Science
Ithaca, NY, July 2011 - April 2013
- Conducted basic and applied research on switch grass for biofuels
- Operated tractors, sampled soils and input and interpreted data into Excel
- Prepared lab and bomb calorimeter operations

Education

Binghamton University
Binghamton, NY
Jan. 2018 - Present
M.A. in G.I.S. & Cartography

SUNY Cortland
Cortland, NY
Jan. 2014 - May, 2017
B.S. in Conservation Biology
Minors in G.I.S. and
Environmental Education
Graduated Magna Cum Laude

Tompkins Cortland Community College
Dryden, NY
Aug. 2009 - Dec. 2011
A.S. Environmental Studies

Skills

Software: ArcMap, ArcCatalogue, AutoCAD, SPSS, R Programming, Python Programming, ChemDraw, Microsoft Office Suite, iWork Productvity Suite

Hardware: Trimble GPS units

Social Media: Facebook, Instagram, LinkedIn, Snapchat, iNaturalist, iMap Invasives, EBird

Conservation: Native plant identification, North East bird identification, tree identification, vegetation surveys

Affiliations

- Fingerlakes Native Plant Society
- American Association of Geographers
- Lime Hollow Nature Center "Science & Suds"
- Society for Conservation GIS