

# Erica Young

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## Summary of Qualifications:

I am a recently graduated student with experience in collecting water quality data from streams/rivers. Such data included physical, chemical, and biological data while following QA/QC protocols and using RStudio to analyze environmental data. Worked in different environmental challenges and group settings.

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## Education:

State University of New York College of Environmental Science and Forestry (SUNY ESF), Syracuse, NY 13210

Bachelor of Science: *Environmental Science*, Minor: *Marine Science*

*December 2024*

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## Relevant Coursework:

- Marine Ecology
- Natural Resources Law & Policy
- Limnology
- Watershed Hydrology
- Geohazards & Natural Disasters
- Public Presentation Skills

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## Experience:

Work Study, Division of Environmental Science, SUNY ESF, Cariann Linehan

*Office Assistant*

*September 2021-December 2024*

- Complete creative duties such as making weekly advertising slides for the department using PowerPoint, fliers for events using Canva, and decorating their display window and board.
- Monitored graduate students' forms and sent reminder emails using Microsoft Excel and Outlook
- Advertise graduate students' capstone presentations and send out calendar events.

WAVE Program, Division of Water, Streams Monitoring and Assessment, New York State Department of Environmental Conservation (NYSDEC)

*Citizen Science*

*Summers 2022 and 2023*

- Collected and stored benthic macroinvertebrates from streams within New York State.
- Identified the macroinvertebrates collected using a dichotomous key.
- Sent samples out to NYSDEC; allowed them to determine the health of sampled streams.

Internship, Division of Water, Streams Monitoring and Assessment Section, New York State Department of Environmental Conservation (NYSDEC), Keleigh Reynolds

*Senior Research Aide*

*May-July 2024*

- Collected biological, chemical, and physical data of streams/rivers throughout New York State
- Experience with using a YSI Probe
- Other equipment used were Secchi disks, churns, nets, multiplates, peristaltic pump, and Survey123 software in the field.
- Obtained boating certification in May 2024; assisted loading and unloading boats.
- Collected, identified (by Order), and re-pickled macroinvertebrates.
- Organized field equipment and sampling bottles to make a smoother sampling trip.
- Learned basics of RStudio.

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## Certifications:

- Boating Certification (*BoatUS*, June 2024)
- IBM Data Science Professional Certificate (*IBM*, in progress)