

# Noah Haag

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## Professional Summary

Dynamic Marine Biologist and Data Scientist with an M.S. in Environmental Science and Policy, recognized for leading interdisciplinary research teams and delivering actionable insights through advanced analytics. Experienced in ecological fieldwork, machine learning, and scientific communication, with a proven ability to manage complex environmental projects from conception to completion. Passionate about leveraging data-driven approaches to solve pressing marine and environmental challenges, and eager to contribute to innovative research and conservation initiatives within a forward-thinking scientific organization.

## Skills

- **Technical Skills:** Python, R, ArcGIS, Tableau
- **AI & Programming:** Agent Development Kit (ADK), Machine Learning, Gemini, Ollama, Kaggle, LangChain
- **Field & Research Skills:** Ecological Fieldwork, Data Collection, SCUBA Diving, Protected Species Observation
- **Project & Leadership Skills:** Project Management, Team Leadership, Scientific Communication

## Experience

### Teaching Assistant, Three Seas Program

Northeastern University, Boston, MA | June 2022 – May 2024

- Mentored 20+ students in AAUS diving protocols and safety.
- Developed quizzes to assess diving theory comprehension.
- Managed diving equipment and supervised hands-on training.

### Marine Ecology Research Technician, Kimbro Lab

Northeastern University, Boston, MA | August 2022 – May 2023

- Led meta-analysis on Artificial Reef Units using R and ArcGIS.
- Synthesized scientific literature and created spatial visualizations.
- Provided SCUBA field support for research projects.

## Education

### Bachelor of Science, Marine Biology

Florida Institute of Technology, Melbourne, FL | 2017- 2021

### Master of Science, Environmental Science and Policy

Northeastern University, Boston, Ma | 2022-2024

## Certifications

- AAUS Scientific Diver, American Academy of Underwater Sciences, 2019
- Protected Species Observer, AIS, 2021
- Master SCUBA diver, PADI, 2014
- NITROX Scuba diver, PADI, 2018
- Florida Boat Operating License, National Association of State Boating Law Administrators, 2019

## Volunteer Work

Grafton Massachusetts Conservation Commissioner

June 2025– Present

- Reviewed 25+ development proposals and ensured compliance with Massachusetts Wetlands Protection Act and local environmental regulations
- Collaborated with 50+ community members, developers, and municipal staff on land use and conservation projects
- Assessed ecological impacts and prioritized conservation initiatives
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## Awards and Honors

- Dean's List. Florida Institute of Technology, Melbourne FL. 2019 – 2021

## References

Available upon request.