

# Noah Haag

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## Education

### **Bachelor of Science, Marine Biology**

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

- Dean's List. 2019 – 2021

### **Master of Science, Environmental Science and Policy**

Northeastern University, Boston, MA | 2022-2024

## 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.

## 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

## 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