

Ariya Harmon

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SUMMARY

Dedicated Aquatic Biologist with substantial expertise in aquatic management and a passion for preserving environmental health. Experience executing EPA-registered herbicide applications, conducting field surveys, and developing comprehensive vegetation management plans based on detailed data analysis. Demonstrated success enhancing the health of local ecosystems through teamwork and effective communication, coupled with an earnest commitment to sustainability. Proficient in operational upkeep of vehicles and equipment, ensuring readiness for demanding fieldwork from March through October. Looking forward to utilizing skills and knowledge to contribute positively to Aquatic Solutions, LLC.

EXPERIENCE

Aquatic Biologist March 2025 - Present
Green Water Solutions Chicago, IL

Oversaw aquatic management initiatives including herbicide application, aquatic surveys, and maintenance across various projects. Played a crucial role in ensuring compliance with environmental standards and supported ecological restoration efforts. Detailed involvement in evaluating water quality influences and community education activities amplifying awareness about aquatic health.

- Applied EPA registered aquatic herbicides, improving ponds' water quality notably.
- Conducted over 100 aquatic plant surveys, formulating tailored vegetation management plans.
- Led biodiversity assessments through fish surveys, refining management recommendations.
- Presented findings at industry events, promoting innovative aquatic management strategies.
- Collaborated on aeration system installations, significantly enhancing oxygen levels.
- Maintained field equipment efficiently, optimizing operations during peak seasons.

Environmental Technician June 2023 - February 2025
Eco Lake Management Aurora, IL

Contributed as part of a dynamic team in the execution of aquatic herbicide treatments and the general maintenance of aquatic systems. Ensured adherence to safety protocols while engaging in extensive fieldwork endeavors, fostering community connections and educational outreach initiatives.

- Assisted in aquatic herbicide applications, adhering strictly to environmental regulations.
- Performed routine maintenance of boats and essential equipment for smooth operations.
- Participated in vegetation studies, aiding data collection and revealing vital insights.
- Educated communities through presentations at pond clinics and fairs, bolstering awareness.
- Established lasting client relationships through diligent service and communication.
- Engaged substantially in fieldwork, fulfilling project milestones from March through October.

Research Assistant September 2022 - May 2023
Lake & River Conservation Evanston, IL

Collaborated on pivotal research examining invasive species impacts on regional aquatics. Experience working with stakeholders to advance conservation practices, contributing to academic publications, and dissemination of research at symposiums.

- Assisted in impactful research focused on invasive species within local ecosystems.
- Contributed to water sample collection, leading to notable contributions to a published study.
- Prepared educational materials targeting community engagement in aquatic health initiatives.
- Supported hands-on laboratory experiments, gaining insight into practical aquatic science challenges.
- Engaged local partners in raising awareness about ongoing conservation efforts.
- Presented results at a university symposium, directly impacting public understanding.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois at Chicago, 2021
- Aquatic Conservation Scholarship, 2022

EDUCATION

Bachelor's Degree in Aquatic Biology 2022
University of Illinois at Chicago GPA: 3.8 Chicago, IL

Coursework: Aquatic Ecosystem Management, Water Quality Monitoring, Conservation Biology, Environmental Regulations

CERTIFICATIONS

- Certified Aquatic Pesticide Applicator 📅 2023
- First Aid & CPR Certification 📅 2025

TECHNICAL SKILLS

- **Survey Tools:** GPS, Sonar, Drones
- **Data Analysis Software:** R, Python, GIS
- **Maintenance Equipment:** Trucks, Boats, Aerators
- **Vegetation Assessment Tools:** Aquatic Plants Key, Water Sampling Kits, pH Meters
- **Presentation Software:** PowerPoint, Canva, Prezi
- **Pest Management Systems:** EPA Guidelines, State Regulations, Safety Data Sheets
- **Project Management Tools:** Trello, Asana, Microsoft Teams
- **Networking Platforms:** LinkedIn, Professional Forums, Conferences
- **Environmental Standards:** ISO 14001, NEPA, CWA
- **Research Methodologies:** Surveys, Field Studies, Focus Groups

SKILLS

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|---------------------------|-------------------------|---------------------------|--------------------------|
| • Aquatic Management | • Herbicide Application | • Biodiversity Assessment | • Marine Ecology |
| • Environmental Analysis | • Team Collaboration | • Community Education | • Water Quality Testing |
| • Field Survey Techniques | • Public Speaking | • Safety Protocols | • Stakeholder Engagement |
| • Data Collection | • Vegetation Management | • Restoration Practices | • Equipment Maintenance |

PROFESSIONAL AFFILIATIONS

- Member, Aquatic Science Society, 2021 – Present
- Volunteer, Local River Clean-up Initiative, 2020 – Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST