

**April Arches**  
Kingston, RI (401) 877-9440 [aprila@uri.edu](mailto:aprila@uri.edu)

**Summary of Qualifications**

Aquaculture and Fisheries student, experienced in tank and exhibit maintenance, species identification, and animal husbandry. A collaborative team member with clear communication and flexibility.

**Education**

**University of Rhode Island**, Kingston, RI  
Bachelor of Science: Aquaculture and Fisheries Science  
Dean's List

May 2024

**Relevant Coursework**

- **Sustainable Agriculture, Food Systems, and Society:** history, culture, and systems across the globe with a focus on sustainable agriculture programs
- **Food from the Sea:** fisheries and aquaculture and their contribution to food supply, methods of production, environmental and ecological considerations, processing, and marketing
- **Marine Technical Practicum:** hands on field experience servicing machinery and equipment, both on dry dock and in the water while scuba diving
- **Diseases of Aquatic Animals:** Integrated and applied knowledge on disease dynamics and host environment to manage the impact of diseases affecting aquatic organisms, from algae to whales

**Relevant Experience**

**United States Forest Service, ORISE**, Missoula, MO  
Conservation Fisheries Genomics Intern

May 2023 - Present

- Collaborate with state, federal, and institutional partners to collate GTSequencing and RADsequencing data sets, using statistical coding languages R and Bash
- Estimate genetic diversity, population genetic structure, and extent of introgression of the yellowstone cutthroat trout and the invasive rainbow trout
- Identify associations between hybrid ancestry and landscape features (riverscape genetics)

**University of Florida Research Experience Facility**, Miami, FL  
Marine Biology Intern

May 2022 - August 2022

- Researched how to manage saltwater marine animals by testing pH, salinity, and nitrogen levels
- Managed the cleaning of the facility's seawater and freshwater tanks
- Husbandry: feeding, observing, inspecting, and creating enrichment for crustaceans, various fish species, small sea mammals, and large sea mammals

**Community Involvement**

**Seeds of Success**, Kingston, RI, Secretary, January 2021 - Present, recruit and orient new members, record meeting notes, create social media messaging for Instagram and Twitter, and participate in executive board planning

**Save the Bay**, Providence, RI, Volunteer, September 2019 - Present, help with beach clean-ups

**URI Shark Club**, Kingston, RI, Member, January 2023 - Present, attend social and educational events

**Intramural Volleyball**, Kingston, RI, Member, September 2020 - September 2022

**Professional Skills**

**Computer skills:** Microsoft Word, Excel, Powerpoint, R, Bash, beginner Javascript

**Language:** bilingual with fluency in Arabic

**Fisheries and Aquaculture:** species identification, tank maintenance, marine equipment maintenance, animal husbandry, and catching

**Certifications:** scuba diving, CPR, First Aid, Collaborative Institutional Training Intuitive (CITI: Investigators, Staff, and Students)