

Tyler Contento

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Hands on experience designing, building and maintaining recirculating aquaponics systems along with designing building and maintaining a small scale marine hatchery. Extensive experience collecting, transporting and maintaining broodstock *Thunnus albacares* and *Coryphaena hippurus* along with calculating optimal feeding rates. Experience designing and building a self-contained 1,000 gallon mobile transport tank used to truck broodstock yellowfin tuna 600 miles over land. Recent graduate of the University of Rhode Island receiving a B.S. in Aquaculture and Fisheries Technology. Experience in larval culture of *A. ocellaris*, *L. calcarifer* and *L. vittata* along with experience in starting and maintaining rotifer cultures. Experience with decapsulation and enrichment of artemia for larval fish feed. Experience with daily maintenance of growout systems for both marine and freshwater species, knowledge and understanding of aquatic chemistry. Detail oriented with a passion for aquaculture particularly designing and building systems along with larval growout and fish nutrition.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Student Researcher

Greenfins LLC - Narragansett, RI

June 2016 to Present

Student researcher for the University of Rhode Island and Greenfins LLC.

- Maintenance of 120,000 gallon recirculating tank including knowledge of pumps and filtration systems along with knowledge of maintenance protocols for foam fractionating units, gas management towers and drum filters. Additional experience maintaining a smaller 20,000 gallon broodstock tank
- Experience recording feeding data and maintaining water quality parameters
- Extensive experience in collection and long distance transport of broodstock

Experience designing a mobile transport tank for yellowfin tuna which consisted of an inline heater, solids filtration and gas management system

Experience designing egg collectors used to capture pelagic fish eggs in a 120,000 gallon and 20,000 gallon recirculating system

Experience building designing, building and plumbing hatching tanks for pelagic fish eggs

Experience designing, plumbing and building a marine hatchery for the future growout of Mahi Mahi and Yellowfin tuna

Farm Worker

40 North Oyster Farm - Tuckerton, NJ

May 2015 to August 2015

Spent one summer working at a medium sized oyster farm. Gained experience working with oyster cages and floating gear for growout of *Crassostrea virginica* including planting spat at the start of the growing season.

Education

Bachelor of Science in Aquaculture and Fisheries Technology

The University of Rhode Island

May 2017

Awards

Rumowicz Maritime Essay Contest - 2nd place

Received 2nd place in the Rumowicz Maritime Essay contest for my piece entitled Aquaculture: The Industry of the Future

Additional Information

International education and hands on experience at James Cook University, Australia

- Designed and built a recirculating aquaponics systems
- Designed and plumbed marine hatchery tanks
- Experience in live feed production of *B. plicatilis*, *B. rotundiformis* and *A. Salina*
- Experience in larval culture of *L. vitatta*, *A. ocellaris*, and *L. calcarifer*
- Experience in establishing, maintaining and harvesting an aquaponics system

Upper level coursework and competency in the following subjects:

Biology of Algae

Salmonid Aquaculture

Marine finfish aquaculture

Aquaculture systems design

Crustacean Aquaculture

Shellfish Aquaculture

Fish physiology

Biochemistry

Organic chemistry

Fisheries Science