

Charles Frati

Objective

Obtain an entry level position that provides an opportunity for me to use skills learned in the Marine Technology Program for a marine industry oriented career. I would like to expand my experience in this industry and further my time spent on the water.

Associate in Applied Science in Marine Technology, May 2019

Cape Fear Community College, Wilmington, NC

Critical Course Work:

- Boat Handling and Seamanship
- Navigation
- Fishing Gear I and II
- Water Analysis I and II
- Marine Vertebrate and Invertebrate
- 5 Research cruises
- Marine Electronics
- Marine research electronics ELN
- ArcGIS
- Hypack and Data analysis

High School Early Graduate, Junior, May 2016 *Southwest High School, Jacksonville, NC* Attended *Pender Early College Highschool* prior to transferring to *Southwest High School*

Critical Course Work:

- Honors Chemistry and Biology
- Honors Math
- Career Technical Education Automotive Classes

Work

Landscaper - March 2020 *Nu Turf, Oakland Park, Florida*

Clerk - November 2019 *Don G Walton Jr. Lawn Office, Jacksonville, NC*

Construction Worker – May 2019 – September 2019 *Team React Construction, Surf City, NC*

Car Hop - May 2016 – May 2019 *Sonic Drive-In, Jacksonville, NC*

Water Quality Intern – June 2018 – August 2018 *Sturgeon Bay Education Center and City of Jacksonville, Jacksonville, NC*

Mate – 2015 - Present – *Tiki Tours for Captain James, Surf City, NC,*

Knowledge, Skills, and Abilities

Experience Aboard Various Vessels (roughly 125 combined days)

- 5 offshore research cruises (32 days) aboard 135-foot R/V Cape Hatteras, nd Roughly 60 days Combined on 53' Catamaran R/V MARTECH, 24' center console R/V Miller, 24' Carolina Skiff on school in field research lab trips and boat handling class.
 - Navigation/Watch shift with elaborate data collection (Weather and Location every hour on the hour)
 - Video Sled/Winch Operation - A-frame and J-frame operation
 - CTD Operations (SeaBird Electronics) - Niskin Bottles and Rosette Carousel
 - Side Scan Sonar (Edgetech 4125), Sub-bottom profiler, magnetometer (Geometrics G882), Sound Velocity Profiler, Single beam and multibeam sonar (Edgetech)
 - Otter Trawls, Dredges, Plankton Trawl - Box Core GOMEX, Gravity Core Sampler, Van Dorn Water Sampler
 - Smithmac, Shipek, Ponar Grab - Grabs, cores, water sampling devices
- Experience aboard personal craft of various sizes including large yachts.
- Mating for Captain James for Tiki Tours and yacht/vessel delivery.

Software Used

-ArcGIS, AutoCAD, Hypack Marine Electronics, Microsoft Office,

Mechanical Skills

- Skilled in a great variety of simple and complex mechanical skills of various types including engine repair, higher end painting, engine repair and building, carpentry, electrical.
- Electrical work including wiring, reading wiring schematics, and Setting up hardware and using hardware for various marine data collection and surveying devices

Other Experiences

- 6 weeks remodeling 103' Broward in Ft. Lauderdale, Summer 2014.

Volunteerism

- Various Athletics
- Science Olympiad Competitor
Regional at UNCW, State level at NC State, NC, 2011-2014
 - 5th place at state level in Elastic Launched Gliders
 - 6 medals placing 3rd, 4th, 5th, and 7th place in various events at regional level at UNCW
- Saltwater Fly-Fishing Internship for Senior Project - Captain Chris Medlin, Surf City, NC, Fall 2015
- Career Technology Education
Ambassador Southwest Highschool, NC, 2015
- Animal Shelter Volunteer
Pender County Humane Society, Summer 2014
- Fishermen's Post Fishing School
Volunteer - Wilmington and Morehead, NC, February 2019