Marie Taylor

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GIS Specialist with 4 years of experience. MS graduate, with honors, in Geographic Information Science and Technology (GIST). Experience in ArcGIS & ESRI programs, Python, LiDAR, Pix4D, marine tagging, remote sensing, Trimble products, field work, and commercial drones. Highly skilled in Microsoft Office & Adobe, web design, and marketing.

**RELEVANT GIS Work Experience**

**JULY 2020- PRESent**

**GIS specialist,** Northstar contracting group, inc.

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**August 2017 – DECEMBER 2019**

**GIS RELATED Course work/field experience,** University of southern california

Site suitability selection, UAV applicability in mapping bathymetry, Python programming and customization, spatial analysis, spatial data acquisition, and spatial databases.

**Education**

**August 2019**

**M.s., (hons), gist,** university of southern california | Los Angeles, Ca

 Honors society: Gamma Theta Upsilon

**December 2012**

**b.s. anthropology,** western carolina university | Cullowhee, NC

**environmental Field Experience & Volunteer work**

**MOTE MARINE LABORATORY & AQUARIUM** | VOLUNTEER| Sarasota, FL | December 2016- December 2017

* Provided feeding, cleaning, and care for a variety of marine life as well as interacted with public visitors.

**FLORIDA KEYS AQUARIUM ENCOUNTERS** | STAFF| Marathon, FL | June 2015- October 2016

* Monitored social media outlets for business; facilitated public education for visitors and managed computer technologies. Provided husbandry care and maintenance to animals.

**OCEANS RESEARCH** | INTERN | Mossel Bay, South Africa | August- September 2013

* Used GIS techniques to study predations of great white sharks as well as research on local benthic shark species.

**EARTHWATCH INSTITUTE** | INTERN | Vonitsa, Greece| August- September 2012

* Involved in field research of local dolphin family groups in the Mediterranean Sea and Ambracian Gulf.

**ARCHAEOLOGY INTERNSHIP** | STUDENT | Western Carolina University | Haysville, NC | Summer 2009

* Excavated and collected artifacts from the Cherokee Native American tribe.

**BROADREACH – ACADEMIC TREKS** | INTERN | Saba Island, Caribbean Netherlands| June - July 2005

* Studied and evaluated the effects of marine reserves on the ecosystem.

**CERTIFICATIONS**

Drone Pilot FAA Part 107 License | US Coast Guard OUPV Captain License | PADI Divemaster | RYA Competent Crew Sailing & Yachting Certification| NC Outward Bound Leadership Wilderness Search and Rescue |

Emergency First Response