

Mark Hoog

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Work Experience

University of Georgia

Alligator Research Technician

- Capture-mark-release alligators using hook and line methods
 - Attach GPS trackers to alligators
 - Monitor satellite data through Telonics software
 - Use ARCGIS and R to monitor alligator movement
 - Data entry and management
 - Use VHF to track and locate tagged alligators
 - Perform surveys to locate individuals suitable for the study
 - Perform camera “trapping” to monitor individuals
 - Use ARCGIS and R to monitor alligator movement
 - Create maps that effectively convey satellite data
 - Research useful literature for satellite study
 - Interact with the public to inform them of the studies being conducted
 - Communicate/update park and refuge staff on the research efforts
- September 2020 – Present

Clemson University

Alligator Field Technician

- Capture-mark-release alligators using hook and line methods
 - Perform behavioral surveys on alligators following standardized protocol
 - Data entry and management
 - Use VHF to track and locate tagged alligators
 - Use ARCGIS to track and monitor alligator movements
 - Interact with public to inform them of the studies being conducted
 - Measuring and recording environmental characteristics
 - Teaching students about alligators and proper ways to handle alligators
- February 2020 – July 2020

Gator Country

Intern

- Reptile husbandry of Alligators, snakes, geckos, monitors, crocodiles and caiman
- Medicate and train animals
- Clean, build, improve enclosures
- Put on educational shows, give tours of the park
- Catch and release nuisance alligators
- General upkeep of the park, marketing, sales, lawn care

- Perform boat tours of the surrounding bayous
- Spotlight for alligators
- Feed and handle venomous snakes
 - August 2019 – through December 2019

Riverbanks Zoo and Garden

Zookeeper Intern

- Worked in reptile house
- Feeding, training, handling of animals and cleaning of habitats
 - May 2018 – August 2018

Newberry College

Herbarium Intern

- Cataloged and digitized all specimens in the Newberry College Herbarium into the Southeast Regional Network of Expertise and Collections website.
 - May 2017 – August 2017 & May 2018 – May 2019

Education

Newberry College

GPA: 3.85

- Biology degree with a minor in chemistry and a concentration in Environmental Science

GRE Scores

- Verbal: 153
- Quantitative: 150
- Analytical writing: 3.5

Research Experience

- Lead technician on American Alligator study in the Okefenokee Swamp.
- Assisted in a behavioral study of American alligators in urban environments.
- Designed and conducted research on the effect of herbicide and pesticide concentrations on microorganism populations in standing bodies of water.
- Assisted Dr. Charles Horn in locating and collecting Azaleas in order to determine populations distribution as well as have samples for the Newberry College Herbarium.