

MANUELA ARANGO

(609) 531-1577

mani.arango19@gmail.com

Florence, NJ

<https://maniarango19.wixsite.com/manuela-arango/portfolio>

EDUCATION

Bachelor of Science in Environmental Science Concentration: Wildlife Management

Graduated December 2023

Stockton University - Galloway, NJ

GPA: **3.98**

CERTIFICATIONS

Geographic Information Systems

Received December 2023

Stockton University

RELEVANT COURSEWORK

KEY SKILLS

- Environmental Issues
- Wildlife Management
- Mammalogy
- Entomology
- Statistical Analysis of Ecological Principles
- LiDAR and Remote Sensing
- Global Positioning Systems for GIS
- Geodatabase Design and Management
- GIS independent studies and research

- Extensive experience with GIS/GPS software
 - ArcMap, ArcGIS Pro and Online Products, ESRI Field Maps
- Ecological management techniques
- Insect and mammal identification
- Exotic animal care
- Excellent written and oral communication
- Effective collaboration and teamwork
- Fluent in conversational Spanish

EXPERIENCE

Cape May County Park and Zoo | Cape May Court House, NJ

SEASONAL ANIMAL KEEPER

Jan 2023-Present

- Ensure proper feeding and care for barnyard animals, macropods, capybaras, ratites/exotic birds
- Carry out regular maintenance, minor repairs, and cleanliness in animal and keeper areas
- Perform regular enrichment and training for animals in assigned areas to ensure animal welfare
- Enforce zoo regulations relating to protection of mammals, birds, reptiles, and amphibians
- Deliver engaging and informative keeper talks to the public on a regular basis

ZOOKEEPER INTERN

Summer 2022

- Shadowed exotic animal keepers to assist with husbandry, enrichment, and target training
- Learned and prepared mammal, bird, and reptile diets
- Identified animal behaviors and exhibit requirements
- Acquired knowledge on basic animal nutrition and medical care, including supplements, vitamins, and preventative care
- Designed and built enrichment for Callitrichids
- Conducted weekly animal interpretations highlighting habitats, behaviors, and conservation efforts

Stockton University | Galloway, NJ

UNDERGRADUATE RESEARCH ASSISTANT

Fall 2022

- Developed and managed a geodatabase of potential excess food generators and recipients/facilitators in NJ
- Designed and created an interactive map using ArcGIS Online to show the locations, contact information, and excess food inventory of assigned locations

GIS SPECIALIST

Fall 2021- Spring 2022

- GIS specialist for the construction of maps for Stockton University's Maple Grant
- Generated maps and spatial datasets that show location of hubs, hub participants, potential participants, and abundance of maple trees in southern NJ using ArcGIS Products
- Designed and developed a web-based mapping application using ArcGIS Online to consolidate data and geospatial analyses