

Morgan J. Harrison

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EDUCATION DEGREE AND CERTIFICATIONS

Old Dominion University | Norfolk, Va |

Bachelor of Science

- Major: Biology
- Concentration: Marine Biology
- GPA: 3.11
 - Ecology - 2023
 - An introduction to the basic concepts of ecology for both biology majors and nonmajors. The concepts are introduced with respect to terrestrial and aquatic environments.
 - Evolution - 2023
 - Evolution is the study of biological change over time, examined from both the genetic level and the species level. This course introduced the major principles of evolutionary biology, beginning with a brief history of the discipline, and examining the fundamental concepts of evolutionary genetics, adaptation and natural selection, the origins of biological diversity, paleobiology and macroevolution.
 - Cell Biology - 2024
 - This was a comprehensive course in the structural and functional features of cells, including prokaryotic and eukaryotic cells. The course will also examine biomacromolecules, techniques in cell and molecular biology, and current frontiers in cell biology research.
 - Genetics - 2024
 - An introduction to the principles of biological inheritance and variation and the molecular bases of gene structure and function. This course provided a better understanding of transmission genetics, molecular genetics, and population genetics.
 - Ichthyology - 2024
 - The biology of marine and freshwater fishes including morphology, physiology, evolution, distribution, ecology, and reproduction.
 - Oceanography - 2024
 - Provided the fundamental background in the four sub-disciplines within oceanography - biological, chemical, geological, and physical oceanography. Significantly, there will be an emphasis on coupling of the sub-disciplines that makes the ocean much more than the sum of its parts, it is an ocean system.
 - Invertebrate Zoology - 2025
 - An examination of the invertebrate phyla with emphasis on classification, morphology, phylogeny, and general biology.
 - Marine Conservation Biology - 2025
 - Highly interdisciplinary science of conserving marine biodiversity will be taught through a review of old and new literature. This will include its history, marine ecology related to conservation biology, threats to marine biodiversity, assessment of extinction risk, conservation challenges of

marine habitats and regions, and methods for conserving marine biodiversity.

- Undergraduate Research Project
 - The student performs laboratory and/or field research under the supervision of a Department of Biological Sciences faculty member.
 - The purpose of this research project is to develop traps designed to collect different species of beetles. This knowledge will provide conservation efforts with more effective ways to capture and analyze beetles that are harmful to different types of tree species.

WORK EXPERIENCE

May 2022 – Aug 2023 – Pet Handler • Shady Springs Pet Retreat

- Worked with all types of dogs and cats throughout their stay at the pet retreat.
- Shady Springs provide the dogs with a pond to play with, fenced areas for the dog to play with toys and find treats for enrichment time, and several acres of land to walk the dogs.
- This location provide boarding for aggressive dogs and those dogs would be accommodated to their needs.

May 2024 – Current – Dog Handler • Woodbine Wolfpack

- Basic tasks where to watch all the dogs that were either inside the building or playing outside in the designated play area.
- Night tasks where to make sure the outside and inside areas were picked up, swept, and mopped. Make sure the dogs that were being boarded where in their designated crates for the night and that their food was prepped for the morning.

REFERENCES

- Will provide upon request.