

MELVIN D. BALCARCEL ARIAS

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Summary

Air Force veteran who adopted professional skills throughout military service. Became a proficient instructor that mentored future members of the military and taught highly technical and professional development skills. While at university, I am developing proficiency in RStudio, ArcGIS, and Excel. Able to communicate, think critically, and make hard decisions under pressure. Looking to further education in the field of ecology to apply learned skills to other facets and learn new proficiencies along the way.

Education

Bachelor of Science: Ecosystem Science And Sustainability
Colorado State University, Fort Collins, CO

Expected graduation: 05/2027 GPA: 3.87

Associate of Applied Science: Electrical And Mechanical Maintenance
Community College of The Air Force Montgomery, AL

07/2023

Experience in Ecosystem Science

Attributes of Living Systems (LIFE 102) Laboratory
Colorado State University, Fort Collins, CO

09/2023 to 12/2023

- Performed experiments that required detailed planning and careful attention to detail.
- Learned how to use laboratory equipment to accurately collect data and perform experiments.
- Gained skills in reading and interpreting data to derive conclusions and answer questions.

Ecosystem Science & Sustainability: Information Management for Sustainability
Colorado State University, Fort Collins CO

09/2023 to 12/2024

- Interpreted data to arrive at conclusions about scientific research that was conducted.
- Learned Excel functions and commands to present data in a comprehensive and presentable manner.
- Applied lessons on importing data and built graphs to reflect the data in a clear way to show trends.
- Learned introductory field work skills at the mountain campus to set a baseline for future work in a natural science career.

Military Experience

Air Force Instructor Department Of Defense Air Force
Cheyenne, WY

05/2022 to 08/2023

- Tracked student progress, frequently checking in with struggling students and identifying root causes of problems.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Applied various teaching aids to minimize learning gaps and instruct and motivate students.
- Observed and adopted new techniques from skilled instructors and lecturers. Promoted classroom safety, collaboration and best practices.
- Tested students to assess progress and adapted learning plans in alignment with performance.