

Dayna McKay

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Accomplished and dedicated professional with related education, research, and experience to contribute to long-range operational objectives in an environmental role.

RELATED EXPERIENCE

Northern Arizona University, Flagstaff, AZ — *Data and Reporting Analyst*

November 2022 - PRESENT

- Conduct comprehensive data analysis to assess and monitor sustainability performance metrics, in Scopes 1,2 and 3
- Developed and maintained complex data models to track key sustainability indicators, enabling the identification of trends and patterns to inform strategic decision-making and support the university's commitment to environmental stewardship.
- Implemented data visualization techniques to effectively communicate sustainability metrics to diverse stakeholders, facilitating data-driven discussions.

Northern Arizona University, Flagstaff, AZ — *Green Fund Data Analyst*

APRIL 2021 - MAY 2022

- Oversaw sustainability projects and research grants to reduce the university's environmental footprint and foster a culture of sustainability on campus.
- Personally analyzed data from funded projects to evaluate their positive impact on campus, covering areas such as energy conservation, water usage, carbon emissions, and waste management.

Matrix Design Group Inc., Phoenix, AZ — *Data Collection Intern*

MAY 2021 - AUGUST 2021 (SUMMER INTERNSHIP)

- Completed Geographic Information Systems map of the city of Flagstaff recording light fixture style, bulb type, enclosure status, code compliance status, and the exact location on map for thousands of outdoor lighting fixtures to ensure dark-sky code compliance.

VOLUNTEER RESEARCH EXPERIENCE

Grand Canyon Trust & Plateau Ranches — *Soil Stability Research*

SEPT 2021 - NOV 2021

- Conducted field research to identify root causes and potential solutions for soil degradation around the Lees' Ferry area, employing standard quadrat sampling methods and slake soil stability tests.

Canyon De Chelly Management Advisement

JAN 2022 - MAY 2022

- Developed an assessment of the current management plan for Canyon De Chelly, proposing a joint management plan based on research into the historic economic and social complexity of the Navajo tribe's relationship with the National Parks Service.

EDUCATION

B.S. in Environmental Science

Northern Arizona
University, Flagstaff, AZ |
GPA: 3.67

2018 - 2022

- Emphasis in Applied Statistics
- Spanish Minor

QUALIFICATIONS SUMMARY

- Institutional knowledge and familiarity with program coordination roles.
- Proficiency with STARS reporting, office of sustainability, and on campus environmental communities
- Hands-on experience in diligent data collection, and analysis.

TECHNICAL PROFICIENCIES

- ArcGIS mapping
- PowerBI
- Field Maps data collection
- Proficient and organized field data collector
- Use of R and Python
- Microsoft Office (Excel & Powerpoint)
- Seal of biliteracy

OTHER EXPERIENCE

Late For the Train, Flagstaff, AZ
— *Barista* - MAY 2022 - November 2022

Starbucks, Flagstaff, AZ —
Supervisor - FEBRUARY 2019 - MAY 2022

McLaughlin Orthodontics, Flagstaff, AZ — *Personal Assistant* - JULY 2016 - MAY 2018