

# Gabriella Scott-Mason

Lubbock, TX.

## Professional Summary

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Natural Resources Management graduate, Summa Cum Laude, with academic training in vegetation and rangeland ecology, including coursework in Vegetation of North America and Vegetation Inventory & Analysis. Experienced in plant identification, ecological monitoring, and field sampling through undergraduate research and field studies. Conducted a comprehensive literature review on invasive species management and restoration strategies. Skilled in GIS, data analysis in Excel, technical report writing, and restoration project planning using the SER 5-Star Recovery Model. Adaptable and detail-oriented, with experience in arid field environments and a proven ability to manage logistics, lead teams, and maintain accurate field records.

## Education

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- May 2025** • B.S., Natural Resources Management (Emphasis in Conservation). May 2025. Texas Tech University, Lubbock, TX.
- Dec 2020** • A.S, General Science, Collin College, Frisco, TX
- 2016-2019** • Undergraduate coursework, Early Admission, Odessa College, Odessa, TX. Completed 49 credit hours toward associate of Science as Early Admissions student. (ages 15-17)

## Professional Experience

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- 2024-2025** **General Manager, Eggsquisite cafe**
  - Managed daily operations of a high-volume café, supervising a team of 15 staff and ensuring operational efficiency and quality service.
  - Coordinated logistics, materials, and scheduling for events, ensuring successful implementation and participant satisfaction.
  - Created training and communication programs for staff to ensure consistent messaging and engagement during public-facing activities.
  - Coordinated in-store events and initiatives to engage customers and strengthen community relationships.
- 2021-2025** **Shift Lead, J&B Coffee**
  - Supervise daily café operations, supporting baristas and ensuring consistent, high-quality service during peak hours.
  - Assist in training new team members on drink preparation, customer service, and store procedures.

- Maintain efficiency in order flow, cash handling, and opening/closing duties to support smooth operations.
- Fostered a positive, fast-paced work environment focused on teamwork, accuracy, and customer satisfaction.

## **Research & Field Experience**

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2024

### **International Research Experience for Students, Geology Field Research. University of Pretoria, South Africa – Texas Tech University**

- Participated in geological fieldwork across the Bushveld Complex, identifying mineral assemblages and documenting rock formations to support understanding of regional geological development.
- Conducted site-based observations on the environmental impacts of mining on local water resources and ecosystems, contributing to interdisciplinary discussions on sustainability and land stewardship.
- Collected, cataloged, and described rock samples to support collaborative research and long-term environmental monitoring.
- Presented field findings to international graduate teams and faculty, strengthening scientific communication and cross-disciplinary collaboration skills.
- Developed detailed field notes and reports that informed conservation-focused evaluations of land and resource use.
- Featured in an unreleased documentary highlighting international student perspectives on field research and environmental responsibility.

2024-2025 **Invasive Species Literature Review. Texas Tech University, Undergraduate Research**

- Conducted an in-depth literature review on the ecological effects and management of invasive plant species, with emphasis on Lehmann lovegrass and Honey mesquite in arid rangeland systems.
- Synthesized peer-reviewed research on the use of aqueous smoke applications in seed germination and as a potential natural herbicide for invasive species control.
- Evaluated ecological implications for forage productivity, soil stability, and native plant restoration in semi-arid ecosystems.

## **Honors & Awards**

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Dean's List Three consecutive semesters

C. Dilly Jr. Scholarship Fund recipient

A.E. Leonard Endowed Scholarship Recipient

## **Volunteer Experience & Organizations**

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### **Alpha Omega Epsilon**

- Professional sorority supporting women in engineering and technical sciences

### **Volunteer, Texas Tech Therapy Horse Program**

- Supported animal-assisted therapy efforts by assisting with care routines and session preparation.

### **Volunteer, Texas Tech Arbor Day Tree Planting**

- Contributed to campus restoration and tree planting initiatives to promote environmental stewardship.

## **Relevant Coursework**

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- Quantitative Methods
- Vegetation Inventory and Analysis
- Vegetation of North America
- Range Plant Ecology
- Mineralogy
- Geology of Energy Resources
- Spatial Analysis and Modeling