

# Maxwell Francisco

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## Education

University of Texas at Austin (Austin, TX)

August 2024 - Present

*B.S. Environmental Science - Geographical Sciences* | GPA: 3.9

**Relevant Coursework:** Environmental GIS, Geoprocessing, Remote Sensing, Cartographic Design, The Natural Environment

Appalachian State University (Boone, NC)

August 2023 - May 2024

*Geography - GIS/Community & Regional Planning*

## Skills/Certificates

- Esri Certificate in Cartography with ArcGIS Pro
- Adobe Certified Professional in Illustrator
- ArcGIS Pro/Esri Software and QGIS
- Python programming/ArcPy

## Employment

H-E-B (Austin, TX)

*In-Store Shopper*

July 2022 - Present

- Retrieve orders for curbside pickup at a large grocery store and deliver to customers.

Texas Classroom Teachers Association (Austin, TX)

*Intern*

June 2024 - September 2025

- Helped with various tasks relating to teacher members such as inputting form data, sending membership cards, retrieving/processing mail, and organizing payroll deposit checks.

## Research

Digital Landscape Lab (Austin, TX)

September 2025 - Present

- Analyze on the ground site data with remote sensing techniques, Python and ArcGIS along the Trans-Kalahari Highway in Botswana to evaluate the impact of fire on the landscape and shrub encroachment.

Andean Archaeology Lab - COLA URAP (Austin, TX)

August 2025 - Present

- Update line/profile drawing maps of the Inca site Huánuco Pampa for future publication.
- Digitization/creation of site map for research poster at URAP Symposium
- Working towards future GIS analyses of the site, spatial analysis of artifact distributions, access to the cloistered women's compound, and social interaction across plaza spaces.

Kalahari Science Institute - Faculty-led program (Ghanzi, Botswana)

July - August 2025

- Measured shrub growth and grass biomass after prescribed burns on study plots.
- Assisted in taking spectral readings of plots to assess usefulness of EMIT sensor on measuring biomass.

## **Activities**

Central Texas Model United Nations (Austin, TX)

2024 - 2025

*Senior Staff*

- Led Middle & High School Model UN conference rooms as a chair and write background guides on global issues.

Appalachian State International Relations Association (Boone, NC)

2023 - 2024

- Participated in weekly meetings discussing current events and global issues and wrote background guides/chaired Middle & High School Model UN Conferences.

Eagle Scout - Boy Scouts of America (Austin, TX)

2017 - 2023

- Eagle Scout Rank - 4/13/23
  - Eagle Project: Repaired and restored a community garden at Camp Mabry used by guardsmen, veterans, and a PTSD counseling group.
- Community service, leadership, teaching skills, and outdoor skills.