

# Maxwell Francisco

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## Education

University of Texas at Austin (Austin, TX)

August 2024 - Present

*Geography - GIS & Sustainability Studies* | 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.

Botswana Study Abroad 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.