

# Maxwell Francisco

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## Education

<u>University of Texas at Austin</u> (Austin, TX) <i>B.S. Environmental Science - Geographical Sciences</i>   GPA: 3.9 <b>Relevant Coursework:</b> Environmental GIS, Geoprocessing, Remote Sensing, Cartographic Design, The Natural Environment	August 2024 - Present
<u>Appalachian State University</u> (Boone, NC) <i>Geography - GIS/Community &amp; Regional Planning</i>	August 2023 - May 2024

## Skills/Certificates

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

## Employment

<u>H-E-B</u> (Austin, TX) <i>In-Store Shopper</i>	July 2022 - Present
• Retrieve orders for curbside pickup at a large grocery store and deliver to customers.	

<u>Texas Classroom Teachers Association</u> (Austin, TX)
<i>Intern</i>

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

<u>Digital Landscape Lab</u> (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.	

<u>Andean Archaeology Lab - COLA URAP</u> (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.	

<u>Kalahari Science Institute - Faculty-led program</u> (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.