



BAILEY SMITH

GIS ANALYST

PROFILE

I am a senior undergraduate student at Texas A&M University seeking to grow my experience in the GIS field. I am seeking a full-time job as a GIS analyst. I enjoy getting to learn more about our world through data analysis and displaying what I learn with detailed maps and graphics.

CONTACT INFORMATION

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EXPERIENCE

GIS INTERN

BOOTCAMP GIS | FEB 2021 - PRESENT

- Performed enterprise GIS course reviews to check videos, procedures, and data
- Wrote and published geospatial articles with SEO optimization through Wordpress and Yoast

GIS INTERN

CITY OF TYLER GIS DEPT. | MAY 2020 - AUG 2020

- Created plats from official documentation
- Updated city water and sewer line shapefiles
- Assisted with public map requests

PROJECTS

Peatland Conservation Analytics- Created a site suitability map to find an accurate total on the amount of peatland in Central America. I worked in a team, and we all worked together to create the script, and I edited the final map layout.

Bachelor's Degrees vs Income in Texas- I created a map using census data that shows the percentage of the population per census tract who hold bachelor's degrees against the median income of that census tract.

Map/Data for Walt Disney World Theme Parks- I digitized and created my own data for the Walt Disney World Resort Theme Parks. My map and data contains the rides, attractions, restaurants, and shops.

Analyze pandemic food insecurity using Data Science and GIS- Used python, jupyter notebook and many extensions to analyze and then map using QGIS the usage of SNAP per state. I then created a dashboard using the plotly extension for QGIS and also created a webmap with the Leaflet extension for QGIS.

Design a field collection workflow: smartphone to GIS dashboard- Using ESRI's suite of field collection tools such as Collector, Survey123, Workforce and an ArcGIS online web map and dashboard to create a workflow for field collection.

SKILLS

- ArcGIS Pro/ArcMap
- ArcGIS Online and related products
- Python, Javascript, HTML, CSS
- ENVI
- Leaflet and QGIS
- R and ArcPy

ORGANIZATIONS/INTERESTS

First Baptist Bryan Orchestra-

- Member since fall 2019, second violinist
- Practice each Wednesday, perform Sundays and other miscellaneous events throughout the year

Texas A&M Geography Society

- Meetings bi-weekly, with many visits from industry professionals, professors, and researchers.

Texas A&M Theme Park Organization

- Weekly meetings, visits from industry professionals, discussing theme park design
- Organized fundraisers and events for members

EDUCATION

BACHELOR OF SCIENCE, MAJOR IN GIST

TEXAS A&M UNIVERSITY | 2022

GPA: 4.0