

Aubree Rodriguez

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EDUCATION

TEXAS A&M UNIVERSITY

Bachelor of Arts in Computing; GPA:3.54
Minor in Cybersecurity

College Station, TX

Expected May 2024

WORK EXPERIENCE

WATER ENERGY EFFICIENCY GIS INTERN

Plummer Associates

Fort Worth, TX

June 2023 – Current

- Engaged in extensive data management tasks through Excel and ArcGIS Pro, including attention-to-detail assignments related to image analysis, honing precision, and analytical abilities.
- Utilized Google Earth's satellite imagery to individually identify 300+ cooling towers, expertly managing KML and KMZ files for seamless data transitions to different file types.

GIS INTERN

The City of Grapevine

Grapevine, TX

May 2022 – January 2023

- Combined remotely collected and on-site data acquisition to generate unified geographic mapping information.
- Contributed to centralized GIS portal and ArcGIS database, correctly inputting data on new job sites and revising data on changing conditions.
- Created effective maps, charts, and other images based on project-specific requirements, specifically ArcGIS Dashboards and Instant Apps.

CERTIFICATIONS

- 28 Esri Certifications including but not limited to Integrating Data in ArcGIS Pro and Understanding Spatial Relationships.
- TEEX and FEMA Digital Forensics Basics Certification

MAJOR PROJECTS

CITY OF SAN ANTONIO COOLING TOWERS

June – August 2023

- Created a comprehensive map of all of the cooling towers around the City of San Antonio using Google Earth and Esri products to perform water audits.

INVENTORYING GUARDRAILS ACROSS GRAPEVINE

January 2023

- Took GPS positions of guardrails across the city for inventorying and cataloging purposes.
- Assembled the collected data into an ArcGIS Dashboard and an Attachment Viewer.

PUBLIC PARKING LOT MAPPING

June 2022

- Surveyed and inventoried roughly 2,000 parking spots across Grapevine, and specifically accounted for the available handicapped spots.
- Compiled the data collected and created an ArcGIS Dashboard for citizens to use as well as an App for other city employees to utilize.

MISCELLANEOUS PROJECTS

May – August 2022

- Created an additional Story Map cataloging other miscellaneous projects that were completed during the internship.

SKILLS

Technical Skills: Advanced beginner with Java, JavaScript, and Scheme; Competent in C++; Proficient in Python, HTML, CSS ArcGIS Pro, ArcGIS Online, and other associated ESRI software.

Languages: Fluent in Spanish.