

# Aubree Rodriguez

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## EDUCATION

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### TEXAS A&M UNIVERSITY

Bachelor of Arts

Major in Computing; Minors in Cybersecurity and Geographic Information Systems Technologies

College Station, TX

Expected May 2024

## WORK EXPERIENCE

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### 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 GIS Certificates - [included here](#)
- OSHA Certification
- Revit Certification
- TEEKS Digital Forensics Basics

## MAJOR PROJECTS

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### INVENTORYING GUARDRAILS ACROSS GRAPEVINE

January 2023

- Took GPS positions of guardrails across the city for inventorying and cataloging purposes.
- Assembled the collected data that was entered into an ArcGIS [Dashboard](#) as well as 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.

### MANHOLE INVENTORYING

August 2022

- Created an ArcGIS Dashboard and Web App for city employees to use to find which manholes would be flooded depending on the water level of Lake Grapevine.

### MISCELLANEOUS PROJECTS

May-August 2022

- I created an additional [Story Board](#) cataloging other miscellaneous projects I completed during my time at city hall.

## SKILLS

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**Technical Skills:** Advanced beginner with Java; Competent in Python and Scheme; Proficient in C++, ArcGIS Pro, and other associated software.

**Languages:** Fluent in Spanish.

## REFERENCES

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**Bryan Beck:** Director of Public Works for the City of Grapevine. | 817.410.3134

**Adailin Lebron:** GIS Engineering Specialist for the City of Grapevine. | 817.410.3135