

# Zaayan Javed

Austin, Texas 78728 • zaayan2003@gmail.com • (512) 955-2833 • [https://www.linkedin.com/in/zaayan\\_javed](https://www.linkedin.com/in/zaayan_javed)

## EDUCATION

### St. Edward's University

Bachelor of Science, Computer Information Science 3.6 GPA

Austin, Texas

Expected; Fall 2025

## RELEVANT EXPERIENCE

### The Nature Conservancy (TNC)

Austin, Texas

GIS intern

May 2024- August 2024

- Learn how to operate Esri mapping products. Helped create infrastructure database using Esri mapping products
- Compile and organize spatial data for infrastructure database
- Identify habitat areas of endangered plant species using Google Earth engine by writing scripts in Python

### Speedi Stop/ Citgo

Austin, Texas

Assistant Manager/ Data Entry Operator

July 2019- Present

- Work with microsoft excel to determine cash flow, sales, expenses, & ordering products for business
- Expertise in cash handling, record keeping, customer service, & maintain welcoming environment for customers

## RELEVANT PROJECTS

### TNC Barton Creek Infrastructure Database Project

- Worked with the Leveraging Our Lands (LOL) team to implement an ArcGIS solution for managing infrastructure assets, using ArcGIS Pro, Field Maps, and an online Editor Application to import, update, and create accurate geospatial data.
- Improved workflow efficiencies by streamlining data entry processes and enhancing accessibility of critical infrastructure data for reporting, risk management, and emergency response planning.

### Puzzle Sunflower Delineation Project

- Analyzed drone imagery using Google Earth Engine Python API to identify and delineate Puzzle sunflower patches at Diamond Y and Sandia Springs Preserves.
- Created and exported geospatial datasets to monitor changes in sunflower distribution over multiple years, supporting ecological research and management decisions.

### "Food Truck Fanatic" Webpage

- Created a dynamic food truck web page that allows users to select different food items and beverages and calculates total price for all items selected (Skills used: HTML, JavaScript, CSS, PHP)

### Cognizant Digital Leadership Academy Participant

- Engaged with technical workshops (Forage, Agile, and Artificial Intelligence). Advise clients on supply chain issues by applying knowledge of machine learning models.

## CAMPUS & COMMUNITY INVOLVEMENT

### Tri - Alpha Honor Society Member

October 2023- Present

- Represent first-generation college students, volunteer at event, build leadership skills, and connect with professionals

### Computer Science Club Member

March 2022 - Present

- Work on coding projects, participate in workshops, seminars, and hackathons

### North Austin Muslim Community Center Volunteering Coordinator

June 2015- August 2022

- Prepared and distributed boxes for food drives given to the homeless/refugees during the Covid-19 pandemic

## SKILLS

**Coding Languages:** Java, Python, JavaScript, HTML/CSS, PHP, C/C++, MySQL, R & Assembly

**Tools:** Eclipse, Git, Github, Linux, VS Code, PyCharm, MySQL workbench, Machine Learning, Microsoft Office software, Jupyter Notebook, Google Earth Engine, Esri mapping products (ArcGIS Pro, ArcGIS Online, ArcGIS FieldMaps)

**Languages:** English, Urdu, Hindi, Punjabi, Spanish