

Casey Root

caseyroot97@gmail.com, (512) 992-9189

www.github.com/caseyroot97, www.linkedin.com/in/casey-root

Education

Texas Tech University

May 2021

Bachelor of Science, Computer Science - Edward E. Whitacre Jr. College of Engineering

Minor in Mathematics, **GPA: 3.39**

Skills

C#, .Net, Python, HTML, CSS, SQL, Redmine Ticketing System, Microsoft Access, Data Structures, Object Oriented Programming, Technical Writing, Communication, Microsoft Office

Projects

Lecture Listener

Python, Google Speech-to-Text, AWS RDS, AWS S3

Senior Capstone Group Project to translate speech to closed captions. Uses Google Speech-to-Text for audio translation, AWS RDS to store user information, and AWS S3 to store transcript and audio recordings.

Personal Website

CSS, HTML

Personal website to display web development skills.

Image from Elevation Map

C++

Takes a Digital Elevation Map file and turns it into a virtual image from a set perspective.

Work Experience and Involvement

Programmer Analyst Student Assistant

Feb. 2021 - Present

Texas Tech University Application Support and Development - Lubbock, TX

- Develop, test, or modify programs defined in project plans to meet design specifications, customer requirements, and/or applied vendor supplied upgrades.
- Complete application modifications to enhance functionality, adapt to technology changes, and correct application errors.

Engineering Technician

Jun. 2020 - Aug. 2020

Goodwill Staffing Agency – Remote

- Data Analyst Intern for the Texas Commission on Environment Quality.
- Inspected and merged duplicate permits, incidents, and investigations records in the agency's database.

Operations Specialist, Mechanic

Nov. 2018 - Dec. 2019

Lime – Lubbock, TX

- Worked with a team to collect, inspect, and redistribute bicycles and e-scooters to maximize the safety and ridership of the fleet.
- Maintained and repaired shared bicycles and e-scooters to preserve the number of operational vehicles.

Achievements

President's Honor List

May 2019 - Aug. 2020

Texas Tech University

Rank of Eagle Scout

Dec. 2015

Boy Scouts of America