

Casey Root

caseyroot97@gmail.com

caseyroot.com

Skills

.Net Core, .Net Framework, C#, MVC, Unit Testing, HTML, CSS, JavaScript, jQuery, SQL, Git, Azure DevOps, Agile, Project Management, Data Structures, Object Oriented Programming

Work Experience and Involvement

Programmer Analyst III

Jun. 2021 - Present

Texas Tech University Application Development and Support - Lubbock, TX

- Analyze, develop, and review code to meet specifications and requirements of customers and management.
- Develop and maintain a diverse range of applications, such as console applications, web applications, and APIs.
- Developed and published two console applications that automated processes, freeing up this time and responsibility from management.

Programmer Analyst Student Assistant

Feb. 2021 - May 2021

Texas Tech University Application Development and Support - Lubbock, TX

- Created a web application to help automate capturing requests regarding departmental assistance for SSO.
- Developed, tested, and modified programs to meet customer design specifications and requirements.
- Demonstrated an exceptional ability to learn rapidly and adapt to new technologies.

Engineering Technician

Jun. 2020 - Aug. 2020

Goodwill Staffing Agency – Remote

- Data Analyst Intern for the Texas Commission on Environment Quality.
- Inspected and merged permit, incident, and investigation records, exceeding quotas for duplicate removal from their agency's enterprise database.
- Demonstrated an exceptional ability to follow established procedures and processes.

Education

Texas Tech University

May 2021

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

Personal 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, JavaScript

Personal website to display web development skills. Website can be viewed online at caseyroot.com

Image from Elevation Map

C++

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

Achievements

President's Honor List

May 2019 - Aug. 2020

Texas Tech University

Rank of Eagle Scout

Dec. 2015

Boy Scouts of America