Casey Root

512-992-9189, 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

Professional Experience

Software Developer

Texas Tech University – Lubbock, TX
June 2021 - Present

- Analyze, develop, and review code to meet specifications and requirements of customers and management.
- Developed and published two console applications that automated processes previously required through time extensive manual data entry.
- Developed and published two APIs used as centralized interfaces for data that our applications depend on, improving programmability and maintainability.

Software Developer Student Assistant

Texas Tech University – Lubbock, TX
February 2021 - May 2021

- Created a web application to help automate capturing requests regarding departmental assistance for SSO.
- Displayed an extraordinary ability to learn rapidly and adapt to new technologies.

Data Analyst Intern

Texas Commission on Environment Quality – Austin, TX
June 2020 - August 2020

- 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

Bachelor of Science in Computer Science

Texas Tech University
May 2021

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.

Image from Elevation Map   C++

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

Awards

President's Honor List

Texas Tech University
May 2019 - August 2020

Rank of Eagle Scout

Boy Scouts of America
December 2015