Casey Root

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

caseyroot.com

Skills

C#,.Net, MVC, HTML, CSS, JavaScript, jQuery, SQL, Git, Azure Devops, Python, Data Structures, Object Oriented Programming, Technical Writing, Communications, Microsoft Office

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.
- Effectively and efficiently complete programming assignments while following required methods and procedures.
- Develop and maintain a diverse set of applications, such as console applications, web applications and APIs.

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.
- Responded quickly to new instructions, situations, methods and procedures.

Engineering Technician   Jun. 2020 - Aug. 2020

Goodwill Staffing Agency – Remote

- Data Analyst Intern for the Texas Commission on Environment Quality.
- Inspected and merged duplicate permit, incident, and investigation records in the agency's database.
- Demonstrated an exceptional ability to follow set procedures and processes.

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 set perspective.

Education

- **Texas Tech University**   May 2021
- *Bachelor of Science*, Computer Science - Edward E. Whitacre Jr. College of Engineering
- Minor in Mathematics, **GPA: 3.34**

Achievements

President's Honor List   May 2019 - Aug. 2020

Texas Tech University

Rank of Eagle Scout   Dec. 2015

Boy Scouts of America