# Casey Root

caseyroot97@gmail.com

## Technical Skills

**.Net, C#, MVC, SQL, HTML, CSS, JavaScript, jQuery, Git, Azure DevOps, Data Structures, Object Oriented Programming, Python, AWS, C++**

## Experience

**Programmer Analyst III at Texas Tech University,** Lubbock, TX, 06/2021 - Present
- Analyze, develop, and review code to meet specifications and requirements of clients.
- Oversaw and developed changes to data import application that added the importation of student information for more than 30,000 graduate students.
- Responsible for development and maintenance of four different websites, building two from the ground up and implementing major changes on two different console applications.

**Programmer Analyst Student Assistant at Texas Tech University,** Lubbock, TX, 02/2021 - 05/2021
- 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.

**Data Analyst Intern at The Texas Commission on Environment Quality,** Remote, 06/2020 - 08/2020
- Inspected and merged duplicate permit, incident, and investigation records, alleviating many of the duplicates within their agency's enterprise database.
- Demonstrated an exceptional ability to follow established procedures and processes.

## Education

**Texas Tech University,** Lubbock, TX, 05/2021
**BS Computer Science Major, Mathematics Minor**
**President's Honor List,** 05/2019 - 08/2020
GPA 3.34

## Projects and Awards

**Lecture Listener in 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 in CSS, HTML, JavaScript**
Personal website to learn basic web development skills. Website can be viewed online at caseyroot.com

**Image from Elevation Map in C++**
Takes a Digital Elevation Map file and turns it into a virtual image from a selected perspective.

**Rank of Eagle Scout,** 12/2015
Boy Scouts of America