

Starting back in August of 2018, I began my journey to obtain my Computer Science degree. When I first started, I knew almost nothing about coding. I only knew how to read file paths where they were saved. I have grown tremendously in the Computer Science industry. Southern New Hampshire has given me knowledge and skills that will last a lifetime. I have learned Java, C++, Python, Linux, SQL, and JMP. These are just few of the languages and platforms I have learned at SNHU. There are many classes that I have taken that strengthens the depth of each language. These classes helped develop knowledge in data structures, algorithms, engineering, databases and security. I have also gain experience working with a team and communicating end goals with stakeholders. My most memorable learning experience was creating a 3D mug in CS 330. Working with computer graphics and visualizations was a great experience. It showed me the process and how much precision it takes when working with graphics on the coding level. I have gain knowledge in security from software testing experiences in CS 320 and secure coding in CS 405. Each class I have taken does not require us to work directly in teams, however, discussions brings everyone together for opinions and assistance when it comes to projects and assignments. DATA 220 has given me the ability to experience working and collaborating with stakeholders. This class required us to get information from a company to design and review different databases to solve their problem. Completing the classes provided from SNHU has given me confidence and knowledge that will encourage me to keep learning and to stay up to date with concepts and coding practices. I am planning on applying to jobs in the computer science industry, but it will take some time because of this pandemic. But I will not lose hope. I have a good chance of getting hired because of what SNHU has taught me.

The three artifacts in this ePortfolio shows my strengths in software engineering, data structures and algorithms, and databases. These three topics are important in the computer science industry. I believe that these three topics are the key when developing your applications and working with different projects. Almost every application will require engineering, data structures and algorithms, and data bases. These three artifacts have been enhanced in numerous ways. This includes enhanced security, data structures and algorithms, data bases, functionality, and user interfaces. The first artifact is a project from IT 145, the main purpose of this artifact is to view different animals or habitats at a zoo. This required the use of different data structures and algorithms in order to work properly. The second artifact is from CS 260. This artifact is an application that gives the user different functions when loading a csv file. The csv files that are used in this artifact contain different bids. The third and final artifact is a script created from knowledge gained in DAD 220. The scripts main function is creating a database that acts as a phonebook. These three artifacts are key in my development as a Computer Science major. It displays my knowledge in three key principles to this industry.