Self-Assessment

Starting this program four years ago I thought I had an idea of what I would be learning, I had no clue. There are two classes that I took that I would have never thought had existed. The first was Datamining and the other was Collaboration and Team Project. These two courses really took me by surprise. In the datamining class we analyzed the survey data of 500 Bubba Gump customers. We were challenged to figure out why Bubba Gump’s was losing profit based on the data provided. I found data mining to be my favorite thing in the whole program and hope to do it in whatever job I get. Team Collaboration and Team Project was just purely unexpected. I would never have thought there would be so much involved in writing code as group. This class really made me realize how little I knew about the computer science world. I’m glad that I took both classes because in the end I think I have become a more knowledgeable well-rounded student.

To highlight design skills that I have learned throughout the computer science program I chose to showcase my final project I submitted in CS-250 entitled SNHU\_travel\_CS250\_AndrewFuller.java. It is a polished document that displays proper logic and format throughout the code. This program displays 5 destinations that a user can choose from to go on vacation. This program shows that I can bring in and utilize outside .JPG files. This program also shows that I have the capability to create a program that the user can navigate to and back from different sections of within it.

To highlight algorithms and Data Structures that I have learned I chose to showcase one of my final projects in my CS-200 python class entitled FINAL1\_SNHU\_CS200\_AndrewFuller.word. This project shows I can solve real world problems with a computer program. This program takes in the height and width of a wall and calculates the area of the wall. It then takes in consideration the surface area that one can of paint can cover and applies that accordingly.

To highlight the work that I can do in databases I chose to showcase my final project in DAD-220 entitled FINALMILESTONE\_SNHU\_AndrewFuller.word. This is a completed document that displays a pool of functions that I know using mySQL. Functions such as JOIN(), INSERT(),INSERT INTO(), UPDATE(), and ALTER TABLE(). Below each of the sections is a description as to what the function is doing. Having this knowledge means I can work with languages other than mySQL, like SQL, MongoDB, PyMongo etc.