CS-499-Q2866 Computer Science Captsone

4-1 Journal: Career Choice and Artifact Update

11/25/2018

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# Career and Plans For The Future

I am currently employed at a wonderful organization and have been for over 12 years now. My organization gives me the opportunity to hold many position and I have held position at the technical support level to managing a Cyber Security Center. During my career I have been promoted six times with numerous exceptional performance awards. I decided to expand my education with Southern New Hampshire University to stay a top of changing technologies. Personally, I believe we should always be learning and take all opportunities to improve ourselves. I also hire people for my organization, other duties as assigned, and I feel that I need to keep a completive edge especially when I am hiring young adults right out of college with master’s Degrees in computer science. This will also help me understand the technical jargon when I am leading a technical meeting and be able to challenge and/or change leadership’s direction when it comes to infrastructure upgrades and changes. I believe this degree will help me take a greater stance in my current position and be able to lead my team to great success.

I am currently working in Cyber Security as a manger. This is a huge change for me and my first step to move away from the customer service IT department where I spent most of my time leading very large technical teams of technical professionals. I decided to stay as a manager and take on greater scope of responsibility and complexity in an area that is outside of my normal area of expertise. I still have thoughts of continuing my education and working toward a master’s in computer science but for now I will take a break and learn my new position while putting my new-found skills to great use in my organization with my degree in Computer Science from Southern New Hampshire Univeristy.

# Update on Artifacts for the ePortfolio

For my design, I have been excited about using MongoDB in my application. I will have all the data I need to sort in tables. First, I am having a lot of difficulty with connecting to my AWS Monogo Server. The application compiles with no error and when it is launched it crashes immediately. I have tried numerous way of connecting to the server, userid and password, API-Key and anonymous login to name a few but I had no success of connecting my application to a cloud-based database. At this point in the project I must change to an SQLite database that is internal to the application. I had other difficulties as well with my Intellij IDE. I did not realize that you cannot do database design in the community edition of the program which has caused me to redesign my application in Android Studio. This redesign has caused me a major delay in my database design and functionality.

I need to change my project activities on my Github repository and push my design changes. I need to create a new branch for database and start my SQLite design. I will then create another branch for Alogithms for my sorting process. I still need to create a search bar on the guest page. I will need another page or use the same page for the logged in users as well. I need to create a results page that will show the result from the guest and logged in users searches. I plan on using a grid design (layout) to give the user options to pick from for their search. When the user clicks on the search button it will open the results page. I will use a ListView for outputting all the traveler’s options. I will then add other ListViews that will be hidden or visible depending on the user selections from the search options. I will give the user the options to sort by price and/or by favorites. If I have time I would like to relate the Health and Wellness Destinations to other criteria’s such as health and wellness, family, adventure, etc. With these different types of criteria will make it easier to sort and show data. I will be updating my repository in the future and you can find it at: https://github.com/rwhittaker5150/rwhittaker5150.github.io