CS499 Capstone

4-1 Journal

May Carson

Choice and Artifact Update

Part One:

1. **Have you changed your career plans? If so, what prompted this change? If not, why have you remained with your original plan?**

I still have the same career plans as I have prepared for months for my Commission into the Air Force. It was my goal even before I started school, as I want the challenges and career opportunities the Air Force will provide me for my future.

1. **How has your thinking about your career evolved?**

As I dug more into what will involve my future career, I realized it will take a lot of training and focus. I want to be efficient at my job, and that will take a lot of work on my end, so I plan on furthering my education in computer science and advancing my coding skills. I know I need to be a better coder, and that is something I will have to work on in my free time.

1. **Have you completed any research about your choice of career? How has this impacted your thinking? Have you thought about seeking an advanced degree or certification after earning your undergraduate degree?**

When I first investigated this career, I found that I needed a bachelor’s degree in one of the listed fields to even apply. I lost hope when I found that I didn’t qualify for much aid, but my employer told me I can get a bachelor's while working for the company and likely computer science was one of the degrees covered. I received a fully funded program, and I am now also studying to take my officer test in September. I am determined to succeed, so I took the overnight shift to allow myself time to work and go to school full time, so I can start my career sooner. I do plan on a master's, but that won’t be till I’m established in my career first.

1. **Which course outcomes have you achieved so far, and which ones remain?**

I am preparing for my officer test and have been training to ensure I also meet the physical requirements, which has been a strain on me, but I’ve pushed through and am about to start the next chapter. I’m confident that I will. I have also been testing some practice code in my spare time and found I am getting better at finding vulnerabilities and patching them.

Part Two:

| **Checkpoint** | **Software Design and Engineering** | **Algorithms and Data Structures** | **Databases** |
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| **Name of Artifact Used** | **Artifact name:** ContactService.java  **Origin:** CS 320 Software Testing and Automation | **Artifact name:** Array List  **Origin:** CS 320 Software Testing and Automation | **Artifact name:** Project 2  **Origin:** CS 320 Software Testing and Automation |
| **Status of Initial Enhancement** | Enhancements completed | Added enhancement. Working on Junit testing is failing | Working on enhancement as project is not connecting correctly |
| **Submission Status** | Submitted with feedback from the instructor | Started but failing | Planned but not yet completed |
| **Status of Final Enhancement** | Completed but waiting on instructor feedback | Started | Planned but not yet completed |
| **Uploaded to ePortfolio** | Planned but not yet completed | Planned but not yet completed | Planned but not yet completed |
| **Status of Finalized ePortfolio** | Not ready for review in Module Seven | Planned but not yet completed | Planned but not yet completed |