Southern New Hampshire University

CS-499-T4251 Computer Science Capstone

* 1. Journal: Self-Introduction

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3/19/23

**Part I**

Companies are interested in finding out whether developer candidates have active programmer profiles that displays their coding abilities, achievements, and experiences. Marketing yourself using an ePortfolio can help a candidate stand out from competition by bringing more than a paper resume to the hiring manager’s desk. Sharing your skills, experiences and knowledge can be so effective that it can get new job opportunities without much effort with applying to too many different positions. Even though ePortfolios can bring a lot of benefits to developer candidates, there are concerns associated with this marketing tool because it can be challenging to use the ePortfolio during the interview process, and there are concerns regarding intellectual property being stolen. One way to remedy the concerns would include projects that displays one’s problem-solving skills, instead of sharing intricate projects on public pages.

**Part II**

I have selected the Zoo Monitoring System as my artifact. I have started changing the program from Java to C++, I am having a hard time dividing the program between the different classes. I am ensuring the Improved Zoo System includes detailed comments while attempting to simplify the program as much as possible. I have been doing alright with the algorithms and data structures, I do have run into plenty of difficulties, but I research the error messages and try different approaches while trying to fix the issues. I am having a hard time implementing a SQLite database for the animal list as well as the habitat details. I have been able to set the program to successfully open the database, and I have been working on getting the program to select and output the data selected by the user.