CS499 Module 3 Journal

Kyle Henning

A portfolio can be used for the benefit of self-promotion by showcasing previous work done, showing progress of learning and displaying project currently being worked on. This can show a progression of accomplishments, or it can be a carefully tailored showcase of only the most prominent and well-polished work.

To mitigate risks while maximizing the marketing potential of an ePortfolio I will ensure that there is no sensitive or personal information in the code base that could be used by malicious persons. I would also only share code that I would be ok with someone using for their own purposes, as this would be public and susceptible to copying. The code shared would be the highest quality work that would showcase my skills without compromising ongoing or production level designs that aren't open source.

There could be risks of people stealing your intellectual property by copying codes or projects and using them for their own purposes. This could be particularly frustrating if this is a project meant for production or if it is an original idea that gets hijacked. There is also a risk of having personal or sensitive information in code bases that people can exploit and use for malicious purposes.

So far, the course outcomes I have achieved are:

*“Design, develop, and deliver professional-quality oral, written, and visual communications that are coherent, technically sound, and appropriately adapted to specific audiences and contexts.”* This was accomplished by creating the code review documentation, presentation video and voice that was submitted in module two.

*“Demonstrate an ability to use well-founded and innovative techniques, skills, and tools in computing practices for the purpose of implementing computer solutions that deliver value and accomplish industry-specific goals (software engineering/design/database)”* This is an outcome in multiple phases as the initial codebase from the transition from Java to Python has been completed, The solutions have begun to take shape in the code database.

**Artifact Progress Update:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Checkpoint** | **Software Design and Engineering** | **Algorithms and Data Structures** | **Databases** |
| **Name of Artifact Used** | CS145 Animal Shelter | CS145 Animal Shelter | CS145 Animal Shelter |
| **Status of Initial Enhancement** | Begun port to Python. Base program with dog, monkey, main and rescue\_animal class created. Basic logic and working program but will continue enhancements as project builds in other areas. | Not started | Not started |
| **Submission Status** | Submitted initial enhancement. | Not Submitted | Not Submitted |
| **Status of Final Enhancement** | Not Finished | Not Finished | Not Finished |
| **Uploaded to ePortfolio** | No | No | No |
| **Status of Finalized ePortfolio** | Not Finished | Not Finished | Not Finished |