Professional Self-Assessment

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I have been focusing on upgrading my skills in data structures and software designs along with databases so that I can achieve a level of skills that meet the requirements for the IT field. I have been successful in upgrading my skills in both data structures and software design. I have worked on many projects with a variety of different coding languages and outcomes. Including Java, JavaScript, C++, Python, C, and even assembly language. Some of the different outcomes range from security authentication systems to even 3D and 2D graphics rendering codes. While I worked on these projects, I captured the opportunity to learn new development and security practices because I knew it that those are some of the most desirable within the IT field. Now I am eager to step into my professional life by gaining knowledge of industry level development practices. I always make sure to complete work on time even if that means doing some extra work because time is the most important thing.

The artifacts showcased within this portfolio are meant to show a diversity in skills, proof that I have the potential to learn and grow in any given position. The first is an example of my skills in Design and engineering, shown by reverse engineering a code in one language and translating it into another more difficult language, comparatively. The second code shows an example of a class for a simple stack dataset and search algorithm that I had slightly modified to be more versatile depending on the situation that it might be used in. The final piece of code is an example of a basic SQL file that creates a set of new tables within a database with given data, as well as displaying the data to the user, a basic example of CRUD functions for databases. The additional blocks of code are there as further examples of my knowledge in relation to my knowledge and experience gained as a software engineering student including Java code, Python code, and JavaScript code that I wrote.