

CS 499: Final, Self Assessment

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Initially when I started this course and read through the requirements for the final I was extremely nervous. Many people doubt themselves regarding their abilities until they conduct a review of their accomplishments or they are faced with a situation where they have to apply what they have learned. In this course I have had to do both. I fully believe that I have a strong understanding on the concepts of databases, software design, and coding practices. With time I plan on getting better and learning more. I think I still have a weakness in coding, mostly separating the languages and learning all of the little nuances. Coding is like learning a new language; python, C++, and Java all have similar yet unique characteristics. I liken it to learning Latin, Spanish, and Portuguese all at the same time.

In my current profession I have to communicate with others, but I typically accomplish work on my own. Through collaboration projects I learned more valuable skills of working together in a team to accomplish a common goal. Learning how to properly code is critical for any software engineer, and I believe the courses I have taken allow me to demonstrate my potential. As we move forward as a society with technology there are going to be increasing threats and adversaries. Creating projects with security and the future in mind is critical for the growth of our industry. Through the course I have been able to understand the concepts of security in software. It is very similar to the 'Defense in Depth' strategy used during the Cold War. Strong presence up front, the ability for resources and troops to be allocated at other points across the globe without compromising the front or defense of the homeland, and a strong defense at home.

Many of my artifacts all tie in together from several courses (mainly IT 145). There are several projects included in this profile that contribute to the overall project. The main project is several modules for a bid and sorting system. This sorting system covers databases, proper coding procedures, and software design and structure.

Resources

