

BSIS Program Review Part 2

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It's worth examining the various projects I have worked on that pushed me to have a greater understanding of the field and the skills required to work within it. In this review, I will be going over some of the projects that I have accomplished during my time at USF through the BSIS program. I will list a few of the projects/assignments that I found to be the most valuable, providing you with a brief description of what they taught me and how.

The courses I spoke about before in the previous BSIS Review Part 1, that have contributed significantly to my skill set are LIS 3361 WWW Page Design/Management, LIS 4365 Web Design Technologies, LIS 3352 Interaction Design, COP 2250 Object Oriented Programming (Java SE), and LIS 4934 Senior Capstone for Information Professionals. However, that's not all, there are more courses that we will discuss going forward highlighting some of their key assignments that shaped my web development skillset.

The first assignment to discuss is from a class I touched on already in the previous assignment, LIS 3361 WWW Page Design/Management. It tasked me with creating my first online portfolio/resume hosting website which allowed me to have hands on experience with web development. It taught me the essentials of HTML, CSS, and even a little bit of SQL. I learned how to manage and publish an online site through FTP, igniting my passion for web development.

Expanding on the foundation laid in the previously mentioned class, LIS 4365 Web Design Technologies propelled me deeper into the complexities of web development. Assigned to craft a blog-style website for documenting weekly homework assignments, I not only broadened my proficiency in JavaScript and PHP but also fortified my grasp of web design and

development. This course served as a catalyst for the ongoing growth of my expertise, enriching not just my coding abilities but also enhancing my overall understanding of creating functional and aesthetically pleasing websites.

I neglected to discuss this course the last time, but I feel like now is the best time to do so because the class project was so influential. In LIS 3783 Information Architecture, I was taught how to best design and implement digital information spaces like web sites. I learned how to develop site maps and worked with a team of my peers to create a number of low-fidelity and high-fidelity wireframes, all starting from a single design concept. This course broadened my perspective on design, influencing how I approach and execute certain projects from a human centered perspective.

While COP 2250 Object Oriented Programming (Java SE) may be considered a lower-level course, its significance lies in introducing me to the concept of object-oriented programming and the basics of Java SE. This foundational knowledge has been instrumental in my ability to create diverse programming projects in my spare time. I used this knowledge to create a program which would translate English words into a fictional language from the simulation game, Dwarf Fortress. I used my knowledge of Java SE, object-oriented programming, and Swing to create a professional and user friendly translator app complete with fully functioning GUI.

In summary, the challenges posed by the courses and their assignments throughout my BSIS program at the University of South Florida have not only provided me with technical expertise but have also nurtured a profound understanding of the artistry and principles essential for successful web development and design. As I progress in my professional path, I will carry a

well-rounded skill set and a fervor for innovation, all shaped by the invaluable knowledge gleaned from these courses.