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LIS 4934: BSIS Senior Capstone

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BSIS Program Review Part 2:

For this week's assignment, I am assigned to select two or three assignments that I believe to be the most important for my career in information-related organizations. It is important to describe the most important assignments a student has done throughout his/her program of study and to include that inside a portfolio for future careers. I do not have the links for each assignment I did, but I will describe each assignment exactly from what I did during the previous semesters. There are three main assignments I will be describing based on three LIS courses I took during the past semesters.

LIS 4204: Information Behaviors

This course is about the theories and issues surrounding various information behaviors which include information needs, seeking, use, and understanding the practices of information professionals. For example, one of the assignments the class had to complete is Future of Information Research. This assignment consists of a case study analysis about information behaviors and analyzing six journal articles from an annotated bibliography provided from the text. This assignment is important for my future career in information science because a strong understanding of excellent information behaviors is important in the workforce.

LIS 4805 (Predictive Analytics):

This course introduces students to advanced concepts of data mining and basic concepts of predictive analytics. For example, one of the main assignments I am still working on is the final project for the course. The final project is to look up a random data set and to develop a regression model. My group has chosen the housing data set, and the objective of this project is to accurately predict house prices based on key property features. Once the project is completed and is accurate, I will include the course project on my LinkedIn profile to highlight my work. Including relevant projects can improve my chances of finding a job in my field, especially since I did not do any internships throughout my college career.

LIS 4761 (Data Mining & Texting):

This course introduces the concepts of data mining and texting to data science concentration students. One of assignments was a lab and I built a web application using data mining techniques. There are three steps to complete the assignment. The first step is to build the UI (user interface) which is the point of contact between humans and computers. The second step is to build the server which is the process of creating a software framework to manage and deploy web applications and services. The third step is to test the application. This assignment will be important for my future career in data science and analytics as my managers will ask me to build web applications.

These three assignments are relevant to my future career in data science and analytics. Once I secure an entry level data analytics career, I will continue to utilize the skills I learned throughout my college education. I will also include these three assignments from the courses

into my LinkedIn profile and portfolio for job applications. As mentioned before, I plan to attend graduate school in a few years to focus on gaining experience in data science and analytics.

Graduate school will be impressed with my educational background as there are excellent Masters programs to advance my skills.