

## **Individual Capstone Assignment**

The senior design project in my opinion is an opportunity to apply the theoretical knowledge learnt throughout the bachelor's. It is also a great opportunity to gain practical experience and understanding of how work is going to be in their selected career. My individual perspective at the senior design project is to implement the knowledge gained in programming languages and gets hands on experience in the areas of data management, UI and software engineering.

Throughout the college curriculum, the topics taught in the classes of specific programming languages (python, C++, Javascript, C, SQL), operating system, UI, software engineering, database management, etc are incredibly helpful towards making a finished project for the senior design project. The concepts of software development life cycles, project management and agile methodologies are something that I will get a chance to implement for the first time in the real world. The concepts taught in database management are something that I will have to use and apply in almost whole of my career.

My co-op experiences were equally informative for me along with the classes. Working at Phillips Edison & Company for three semesters as an Enterprise Apps Intern has given me some invaluable experience of working and managing a project from planning to production deployment. This experience is going to be extremely helpful for me to work through the senior design project.

I am highly motivated and excited to work on this senior design project since it's one of the most important experience/ assets that you take with yourself as you enter the corporate world. My preliminary approach includes breaking down the whole project into manageable steps and action items. Maintaining effective communication with the team is another important aspect at keeping the project going.

I expect the project to be fully polished/ production ready solution to a real-world problem. I feel I'll know if I've done a good job if the project meets all the requirements, functions smoothly and exceeds the expectations of our project advisor. Moreover, I also expect to expand this project beyond my bachelor's and take it to the real world to get feedback and maybe even commercialize it if possible.