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Lab Report Analysis

From this experience, I feel I learned many useful skills in Engineering and writing for it. The first skill I learned was how to utilize online databases and locate research papers. I am sure in the future of my engineering career, I will need to understand a new concept, or the implications of a technology. For this, I will have to learn to utilize research done by professionals in the field. This can save much time for me, as I will likely be searching for new technologies, and researches go over this.

Another benefit of knowing how to access research databases is to stay up to date in my field of engineering. I will likely graduate in Engineering possessing skills relevant for when I graduate. As for when the fields develop, especially with the rapid development of technology, I will likely not know the latest technologies in the field of engineering. By reviewing research in my field of engineering, I will be able to stay up to date in the latest technology, to ensure the projects I work on are top of the line, and not lacking in ways. Another benefit of staying up to date in technology is safety. Many new developments in technology take into consideration the environmental impact of engineering work, as well as its impact on the human body. By understanding these, and taking them into consideration in my engineering work, I can avoid any harm to the environment or to other people.

This assignment allowed me to see into the world of proper scientific research. Previously, I was not very familiar with how actual researchers organized their papers, presented their information, and referenced other works. From this experience, I was able to critically

analyze how researchers organize their papers. From the lessons I learned is the importance of visual representation, whether it is in the form of tables or images. These allow the reader to fully see what the researcher is talking about, and to replicate their research. Another benefit I did not realize before was the sheer scale of research of engineers. By looking at the references section, I am able to see how the researching world builds off of itself, and each researcher starts where the last researcher stopped. This allows useful and beneficial resource allocation, as one researcher does not have to *reinvent the wheel*.