

Memorandum

Date: 9/29/2018

To: Professor Kevin Haws

From: Jared Smith

Subject: Request for possible research project

My purpose for writing this memorandum is to inform you of the research I've done in exploring my research topic of "how is virtual reality being used in the work place." I would also like to seek your approval on going forward with a more in-depth research of this topic.

I believe that this topic is important because it will show businesses another tool they can use to advance their industry. For example, virtual flight simulators have been used to train pilots without having the risk of hurting themselves in real life. Virtual reality has also been used in the class room to help students understand complex subjects, such as giving the students a virtual heart that can be easily dissected and explored.

Some key words that have helped me and will help me find sources are: virtual, reality, sensor, simulator, interactive, render, communication, processor, data, algorithm, graphics, vision, and oculus. I will also utilize the computer science research guide and its librarian Dan Broadbent, to help me locate important sources. I found that the background sources tab provides dictionaries and encyclopedias to help me define terms that I do not yet understand. They also have a tab to get quick access to journals and articles about computer science. Upon your request, here are three sources that I think will be important in my research. The *Applications of Virtual Reality Technology in Medical Groups Teaching*, article, *Virtual Reality Applications and Explorations*, book, and the *Industrial Virtual Reality*, book. The subject guide also gave multiple sources for databases for journal articles: *Web of Science*, ProQuest Research Library: *Science and Technology*, and ACM Digital Library.

I have learned a lot in this search including that I can get help with referencing my sources from the bibliography help tab in the subject guide. I thank you for giving me the opportunity to learn more about the lib.byu.edu website. This led me to also explore the health science guide in which I learned that developing of a routine bed time ritual has been shown to provide participants with an improved sleep quality.

Please let me know if you feel I have done the research necessary to pursue this topic even further.

