Module 02 Course Project – Company Selection

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The company selected is Microsoft. More specifically the research and development (R&D) side of the company as it pertains to data science and quantum computer science. Microsoft actually has an entire operations management suite that they use internally called Microsoft OMS.

Microsoft competes neck-and-neck with Google and IBM in regard to technology. In many facets they implore more advanced technology in these specific fields. Microsoft implores its own value chain analysis and analytical framework. Microsoft is very fast paced with many departments. The researcher finds it would be very interesting to know the processes systems used in a company of such stature.

From an operations management perspective the researcher would like to understand and know more about how Microsoft collaborates with commercial consumer markets, government contracting, space, and yet still having open source research and development available for those who want to learn without being employed.

Microsoft has a very rich iconic history. They have set the standard in many management processes implored throughout countless tech companies in today's modern age.

The researcher knows and is intrigued by a great deal from the perspective of programming, mathematics, data science , quantum science, and linear algebra. These are topics that interest the researcher who is going to college right now pursuing a degree in data science through Rasmussen College. Only to further his education with the master’s degree and then attend another university to pursue a PhD.

As far as the researcher’s previous knowledge or the fact that he is infatuated with data science, machine learning, AI, and quantum computing. This would serve to be an opportunity to gain a wealth of knowledge researching outside the academics exploring more about the internal business structures & operations management of a company that he seeks to contribute to one day.

Also, many of today's top Minds, researchers, scientist, and developers in the data science and quantum computational field belong to the Microsoft R&D team in these related fields. They have many different academic Professors, developers, scientist, and noted researchers who teach Microsoft employees and students across the globe and those who are not employed. Including open source content, programming software, and many other factions.

The researcher wants to know how they keep it all together?