Molecular Dynamics Research Experience

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Utilizing a Linux-based virtual machine, the goal was to recreate the 4MNF protein, a cancer-causing protein, correct the oncogene and recreate a non-cancer causing protein. One of the purposes of this experiment was to see if it was possible to accomplish something like this digitally, then if it was achieved, noted for collaboration in future projects on the professional level. Due to several technical difficulties, no research was able to be conducted. Although there was no research done, there were several skills learned, such as technological trouble-shooting, constantly encountering errors, learning from those errors and correcting them to achieve the desired outcome. The other purpose for this research experience was to conduct an experiment that could serve as a foundation for future research projects on the professional level as well as explore if this was a viable career path for the researcher. After this experience was completed, it was determined that this could be well-suited career path.