Concise Career Plan-FSE394

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October 7, 2018

In the future I would like to get an MD-Master of Engineering Dual Degree, which would allow me to work as a doctor, while still being able to communicate with fellow engineers and work on regenerative medicine or cell-targeting medicine. I would like to be accepted into an MD-Master of Engineering Dual Degree program, which is 5 years long, directly after receiving my undergraduate degree. Depending on the residency I chose will determine how long it will be before I become an attending physician, but optimally I would like to become an attending physician 10 years after graduating with my undergraduate degree. The associated job prospects are working at a hospital or in a private practice as a doctor. Additionally, getting a Masters in Biomedical Engineering will allow me to also do research as a physician and while still working on regenerative medicine or cell-targeting medicine.

The specific skills that I will need to become a physician will be taught in medical school, but they include being able to memorize large amount of information and being able to critically think in order to apply them to patients. Additionally, as getting into medical school is extremely competitive, there are several qualities and skills that I will need in order to be accepted. These include having a high GPA, doing well on the MCAT, gaining clinical volunteering experience, non-clinical volunteering experience, having published research, and having strong letters of recommendation. In order to have a high GPA, my current plan is to ensure that I don’t overextend myself to ensure that I have enough time to study and do well in all my classes, as well as following the Guaranteed 4.0 System. In order to do well on the MCAT, I’m planning on using the free Princeton self-study review course that is offered through ASU to study hard throughout this summer to do well on it. I am currently involved with organizations that are allowing me to gain both clinical and non-clinical volunteering experience. In order to have published research, I started volunteering at a research lab my freshman year of college, in which I believe over time will lead to me publishing my research. Finally, in order to have strong letters of recommendation I have been going to my professors’ office hours whenever I can, which is something I plan to continue doing throughout my time in college. Since I would like to become a doctor as well as have a masters degree in biomedical engineering, if I am not accepted into medical school after completing my undergraduate degree, I am planning on completing the 4+1 program and reapply to medical school again the following year.