

Career Exploration

During my time in high school, I have looked a lot at academic preparation for the best technology universities in the nation. Academic preparation is the classes you should take to increase the chances of getting into the college of your choice. For example, MIT's academic preparation includes 2 years of a foreign language, one year of high school physics, math through calculus, and more. I am taking extra coding classes outside of school, and I have signed up for USACO (United States of America Computing Olympiad). I have looked at the different jobs in the engineering field and the one that interests me the most is software engineering. Other engineering jobs, such as hardware, do not seem like bad options, however, software engineering is what I prefer as it focuses more on the coding side and debugging or testing software that tells the computer what to do. Coding is something I am passionate about, and computer science is a subject I am willing to pursue my career in.

Some experiences that I have of volunteering are being a teacher assistant at an after school program. I monitored the kids when they were at the park, and made sure they were following the rules. Some skills I have gained from this experience are cooperating with other assistants so we could organize who was watching which section, and communication skills by talking to



a lot of different kids. I also had to become responsible In order to make the correct decisions on whether or not I should allow kids to go to certain areas. These are all related to software engineering because being a good team member requires a lot of cooperation and communication when doing group projects. Being responsible and making good decisions is also a really important skill to have because choosing to procrastinate and do something you enjoy versus finishing up the work as fast as possible are decisions you are going to have to make every day when you are working and these little small mistakes can lead up to a big problem in the end.