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1. Because modern devices like phones, computers and other systems integrates with both software and hardware. Which is needed for us Computer Engineers to understand and know how they interact with each other. This also allows us to solve software bugs and know its hardware limitations with gives us an advantage of troubleshooting more easily and efficient. Therefore, I can conclude that we are very flexible in terms of career as we can easily innovate and design both hardware and software devices just by having both knowledge of its fields.

2. A problem solving mindset since it helps engineers finding solutions beyond textbook knowledge and Engineers adaptability is also important as we can create new methods, systems, languages, and etc. as technology changes fast. The quality of ethics and responsibility where Engineers build systems that affect people's lives (security, safety, privacy) where its used for good.