

Module 6 Journal Entry
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Before studying cybersecurity I was under the impression that hacking involved inputting massive amounts of code at break-neck speeds all in real time, but in reality hacking often involves in depth planning, surveillance, and testing before a hack is carried out. Another misconception I had was that hacking was basically all coding, but after taking a few classes I've realized that a large chunk of hackers can gain entry to sensitive data and information by using clever social engineering and phishing techniques. Additionally, I used to think that to be a hack you had to be incredibly smart and have a computer engineer level of understanding of computers, while being smart and understanding computers definitely gives you a leg up, you can carry out an attack by just knowing some basic codes. One thing that I was told time and time again as a kid was that Macs can not be hacked or get viruses, this is completely wrong. After looking into why this was such a prevalent rumor and I think part of it is because one Windows based operating systems had been around longer then mac so more people had them so hacks were much more common, and second is that Mac are built with more robust security and operators under strict user permissions that make it harder for hackers to steal you info or install virus without you knowing, however an experienced hacker can most definitely break into your mac.