How do engineers make cyber networks safer?
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They help by investigating the abuse of PII notifications and they work to better satisfy if there was a breech in privacy. They consider that people's information might get hacked and used against them. Then that's how they come about a system that prevents the problems from happening again and finds out a system that works out for them. Therefore, there are analysis and design principles set in place to help depending on your issue. It's sort of like they work behind the scenes and we don't seem to realize all the new way and inventive ways to keep our data as safe as they can. A lot of the security concerns come from unauthorized system behavior like going to websites that aren't verified and clocking on certain types of emails. So, the security of PII which the engineers help with; but it an come from authorized process of PII as well. They work hard to protect so economic loss won't happen, loss of trust, self-determination, and discrimination is prevented. So you can have the freedom of simply being on the web. An example is why Macintosh are one of the most highly respected company because they don't get viruses on their computers and phones because their engineers have encrypted it as tight as they can for the ordinary computer user you are not automatically being tagged for being a human. So, because Macintosh is keeping in mind that security is a problem that's how they are able appeal to customers and it shows that they care about these problems that arise. All in all, engineers do a lot to try to keep us protected and to keep updated security on your systems. They play an important part in the security system than we realize.

Reference: Brooks, S., Garcia, M., Lefkovitz, N., Lightman, S., & Nadeau, E. (2017, January).
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