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Title:

Help Desk Technician in Relation to Social Science

Introduction:

The role of a network security engineer can be diverse and flexible according to the needs of a company and a customer. Network security engineers are often considered the first line of defense when network security complications arise. Furthermore, they often have to balance their hard skills regarding their knowledge of technology and their soft skills that relate to their ability to handle interactions with other people well. Because of this, social science is becoming increasingly relevant to the role of a network security engineer. Network security engineer is a cybersecurity career that relates highly to social science due to their role in the company, their understanding of social engineering, and their need to understand marginalized groups.

Supporting Details:

The study of social sciences relies heavily on the continued research of social interactions. Social sciences have now had a significant impact on what is expected of a network security analyst. Social engineering is a skillset used by cybercriminals to fool a person into giving personal information to them or allowing them to access their personal data. This can be done using fraudulent emails, fake websites, and fake advertising. These are cybercrime practices

a network security engineer should be aware of to protect themselves and others of social manipulation. The role of a strong cybersecurity culture among a workforce is increasingly important to focus in and is something that relates to social sciences when considering cybersecurity. A cybersecurity culture focuses on communicating best practices to secure data to other members of the culture and promotes a specific moral way of thinking.

Sociology should be considered very important to network security engineers. The study of behaviors that lead people to do things is a focus of sociology relating to cybersecurity. For network security engineers to be able to understand how and why a cyberattack was done, there must be a focus on understanding the attacker. Giving importance and attention to sociology in the cybersecurity field can lead to valuable research that can aid the development of cybersecurity practices network security engineers can use to protect against the dangers of social engineering.

A strong team is a strong workforce. Sociology is an idea that can also be applied to the interactions and behaviors of a cyber security workforce. A cybersecurity team should have a strong foundation of communication and mutual trust among the members of a cybersecurity team despite cultural differences. Marginalized groups in a society or team can often have different behaviors and practices that separate them from the majority of people. However, increased focus of social interactions by promoting a strong team with the same values should be normalized in a workforce. Increased awareness of cybersecurity practices among a cybersecurity team decreases victimization.

Conclusion:

Humans are at the center of the work that network security engineers do and the attacks they try to prevent. Because of this, a network security engineer workforce can benefit from considering the importance of social science in relation to the effectiveness of their work. Understanding cybersecurity awareness, cybersecurity culture, cybersecurity sociology, and differences of marginalized groups are all important to consider in a strong social science centered team.

Sources

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