

DTSA 5302 Cybersecurity Interview Questions

1. Why did you decide to become a cybersecurity expert? Did you always know this was what you wanted to do or was this a journey involving one or more career changes?
2. What does a cybersecurity expert like yourself do on a day-to-day level and also what do you do from a long-term perspective? What were some of the most interesting or exciting things that you have learned about or worked on during your career?
3. What are the most common and egregious violations of the basics of cybersecurity best practices that you see in your line of work? What have been some of the most nuanced mistakes you've seen exploited?
4. A common minimum password length recommendation is only 8 characters. But when checking password strength on a site such as "howsecureismypassword.net", a randomly typed string of 8 characters yields somewhere between "a few milliseconds" and "a few hours" to crack with a computer, depending on password complexity. Can you talk about your opinions on the matter and possibly reconcile this disparity between the general password length and how strong a password can really be with only 8 characters?
5. What are your opinions on quantum computing and how it will affect the future of cryptography and thus cybersecurity? Do you think the ever increasing proliferation of machine learning and computing power ultimately favors cybersecurity or cybercriminals?