

Sample Student Projects

1. Is Instagram secure?
2. What is Replay Attack?
3. What is a Keylogger?
4. Home Networking and Wi-Fi?
5. What is Blockchain and Bitcoin?
6. What is the difference between Application, service and platform from an architecture and security perspective?
7. What is application signing and digital signature?
8. What is Ethical Hacking?
9. What is a database and how do we secure databases?
10. What is reverse engineering?
11. What is DDoS and how can we stop it?
12. What is ransomware and in what way is it different from computer viruses?
13. What is Injection and cross-site scripting, SQL Injection XSS
14. What are web services and how different they are than websites (JSON and RESTFUL)
15. What is Cloud and how important is Virtualization?
16. What is Sandboxing and what is Honeypot?
17. What is an insider threat? Give examples and statistics?
18. How secure is iOS vs. Android?
19. What is a Firewall and what are the various types of Firewalls?
20. What is secure email? Are Webmail systems used today secure (Gmail, Hotmail, Yahoo mail) and why or why not?



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