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ARTICLE HISTORY


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Be Protected from Cybercrimes

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As we know now the world is filled with technology and AI (artificial intelligence) also with every electronic device there is information that is the internet. It's all about the information here where the advanced users come which are known to be hackers worldwide. These hackers try to get information from a database of software where the personal information of a person will disclose all over the world.

Keywords

- Cybercrimes
- Cybersecurity
- Information
- Hackers

Introduction

Well, If you won't know the actual definition of cybersecurity in simple words here's the proper definition; cybersecurity or computer security or information technology security is the full-fledged protection of data form advanced users [HACKERS] or as well as malware software like [VIRUS]



How do Hackers Hack Data and how it Works?

Well, there are many ways where hackers can get access to your data without your knowledge:

- **MALWARE:** It's one common way of attacking were the attackers create a file with dangerous malware were the aim is to make

the victim to install and open the file, once it has been installed the attacker can get information about your computer and data.

- **PHISHING:** It is one of the ways where the attackers target the victim and create a website same as the original ones and convince the victim to login with his information; once the victim provides his information the attacker gets the information about the victim but there is a loophole in the website the attacker makes the URL differs from the original website.

- **MAN-IN-THE-MIDDLE:** It's mainly used for hacking wifi and to get wifi password. The attacker targets the victim and inserts coding and disrupts his wifi connection and makes him login in his wifi again once the victim has to login in his wifi on the other side the attacker gets all information about the victim's wifi.
- **DENIAL-OF-SERVICE:** It is a type of cyber-attack where the attacker shuts down the service or network and it makes it inaccessible to users for a while.
- **SQL INJECTION:** It is one of the cyber attacks where the attacker inserts coding in the sql software and can access any website freely by making premium accounts free etc.
- **ZERO-DAY-EXPLOIT:** It is a kind of brute force where the attacker find a new route to hack a website where the developer may be

unaware about it and the attacker attacks through his new way but after some time, the developer will be known about it and he can make changes through which the attack can be stopped.

- **DNS TUNNELING:** It is a kind of a VPN [Virtual Private Network] where you can get a new IP address where you can visit any premium website freely without any cost and watch anything like Netflix etc.

Types of Hackers:

- **WHITE HAT HACKERS:** Not all the hackers are the same. The white hat hackers are the good type of hackers where they hack for good things to get information. For example to help someone like to help the police to get thief's information.
- **BLACK HAT HACKERS:** This type of hackers do hacking for their good. The black-hat hacker does not have any permission or

authority; it is illegal for them to get access to anything.

- **GREY HAT HACKERS:** This type of hackers hack into software and notify the developer or the owner about it and get paid for notifying them about it.

What are the Benefits of Cybersecurity?

Cybersecurity provides layers of protection from malware software, ransom viruses and remove threats to the software and provides the device's protection and increases the productivity and protects devices from slowing down.

Conclusion

As for the conclusion, cybersecurity is more challenging than engineering or science but once you are aware about all attacks a hacker can do. If it happens to you then there are a lot of cyber security agencies out there to help you out of it you just have to reach out to them.

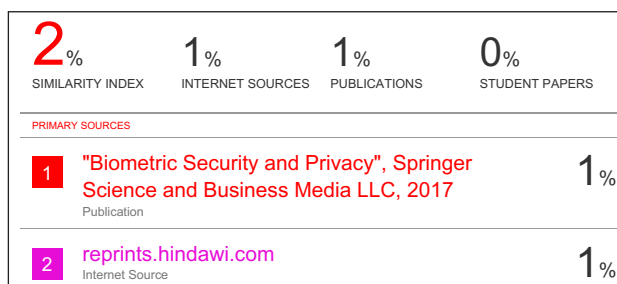


Aman Jaiswal is a first year student. Pursuing Bachelors of Business Administration (BBA) from St. Joseph Degree College (Hyderabad). He is great at communication skills, planning and organizing and also pays attention to details. He has a great interest in new devices with advanced technology. He also loves reading, learning new things and working out in his ideal time. He recently learned about cyber security, digital marketing, artificial intelligence, machine learning and coding. He looks up to his parents as a source of inspiration. He strongly believes in "Strengthen your Weaknesses."

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Annexure I

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Reviewers Comment

Reviewer's Comment 1: The author in this paper addresses the piety of the doctors who are working hard to manage the pandemic.

Reviewer's Comment 2: The author has proposed to make a device that would reduce the scorching temperatures of PPE kits worn by health care workers. The paper has been drafted systematically with an abstract, introduction, objectives, and review of the literature. the author then moves on to present how the proposed model would work with the help of diagrams and charts.

Reviewer's Comment 3: The author further explains the whole process step by step and draws a conclusion on how his proposed technique could be helpful in these resilient and uncertain times.



Editorial Excerpt

The article has 2% plagiarism which is an acceptable percentage for publication. The comments related to this manuscript are noticeable related to the theme protection from emerging cyber crimes. The article states how to be well protected from cyber crimes through the help of cyber security. The article explains about the different types of hackers and how to overcome the hacks through the help of cyber security. There are a lot of benefits of cyber security, which helps us to protect our personal data from the online cyber crimes. After the editorial board's comments and remarks the paper has been finalized to publish under "View Point" category.

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Disclaimer

All views expressed in this paper are my own, which some of the content are taken from open source websites for the knowledge purpose.



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