

Cybersecurity Professional Career Paper: Cybercrime Investigator

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Introduction

The potential cyber career that I would like to pursue in the future would be something that would fall under the digital forensics category. To be more specific, I would like to explore the possibility of becoming a cybercrime investigator. What a cybercrime investigator does is a mix between criminal justice and cybersecurity. Basically a cybercrime investigator gathers the evidence online, investigates whatever they find, and then turns the case into something substantial that the police can take legal action on. This position plays an important role in cybersecurity in trying to make sure that whenever a crime takes place online, the perpetrator will be held responsible for their actions. In this paper, it will talk about the role of the cybercrime investigator and its relation to cybersecurity and social science.

Social Science Principles

When it comes to any type of investigation process, all of the principles apply, especially when it comes from a position of power like a cybercrime investigator. In this position, a person has to realize and keep in mind that all things have a relationship and that one tiny detail can change the whole flow of the investigation. Furthermore, as a cybercrime investigator a person would need to be thinking objectively and ethically neutral. In a position of power an individual can not be conducting investigations heavily opinionated and being discriminatory, that would make the entire investigation invalid. In addition, a cybercrime investigator has to think about how that person behaves and what may have caused them to act in the manner that they did, which would make the investigator have to think about determinism and empiricism. Moreover, as an investigator when trying to tell others about what was found, it has to be put in a way that everyone can understand which is where parsimony would come in. Lastly, aa a cybercrime investigator everything should be questioned and not taken at face value to get to the truth.

Application of Key Concepts

Trying to understand human behavior and the mind is probably one of the hardest jobs a person can take on, but when you understand where someone is coming from everything begins to make sense. When it comes to cybercrime investigation, trying to understand what motivates a person allows for more accuracy in the case: is it money, entertainment, curiosity, etc. In addition, also trying to understand the crime from a psychological point of view and asking questions about what things could have possibly triggered a person to commit a cybercrime (Neufeld, 2010). Furthermore, also taking into consideration the behavioral theory and cyber offending, asking questions like was this behavior learned in the home or from some other place, and does the cyber criminal truly know the risk and reward of their actions. Taking it even further are taking a look at sociology and having that balance between the cybersecurity side and the criminal justice side that was mentioned up above in the introduction.

Marginalization

Regions where people are experiencing poverty, limited education, and little to no government help are where cyber criminals like to hunt (Azam & Musah, 2025). The challenge comes in when the attackers are going for fraud related crimes: attacking people with identity theft, phishing, and scams (Azam & Musah, 2025). As a cybercrime investigator, being ahead and aware of this can be extremely beneficial because it can potentially be prevented and stopped before anything can be permanently damaged. Furthermore, it could also be used as a deterrence to see that a cybercrime investigator is enforcing the law and holding people accountable.

Career Connection to Society

Cybercrime is something that is probably never going to go away. There is always going to be someone out there who is going to exploit people who they think are weak. That is why the

position of cybercrime investigator is such an important role in cybersecurity. Cybercrime investigators are trying to protect the public from cyber attacks, protect people's personal data, protect people from fraud, etc (admin, 2025). While all jobs of cybersecurity might be doing the same thing, cybercrime investigators actually gather the evidence and use it against perpetrators so that legal action may be taken.

Conclusion

Without the job position of cybercrime investigator, cyberattacks online would most likely not be getting any real heat. This job is the field in cybersecurity that gathers the information, the evidence, and investigates it thoroughly to try and hold people accountable for their actions. Furthermore, public safety would be at risk. Without people actively investigating what went wrong and how the cybercrime occurred, that would just leave a continuous cycle of cybercrime that will never be broken. Furthermore, even people's personal data would be at risk of being used and lost in a cyberattack. In conclusion, after reading and researching the role of cybercrime investigators, they are way more important in the cybersecurity field than I first believed.

References

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