

Joseph Foley

Professor Edwin Armistead

Cybersecurity and Social Science

19 April 2022

Incident Responder

An incident responder serves to protect a company or organization by monitoring and assessing security threats that occur. They can create their own security plans to get ready to attack incidents head on. They usually work under pressure and on the clock to respond to threats and are typically very skilled individuals. Some of them can work for the police and use network forensics to track down and go against cyber criminals. Their job is to not only protect a company but also any money and reputation they may have. Without an incident responder working for a company, they could be at a major risk of having all of their data compromised.

Incident responders require social science research skills and social science principles in their daily lives. While they are working, they need these research skills to be able to detect and prevent cyber-attacks that may occur. Social science research is important and incident responders need it so that they are able to analyze and interpret the data that they receive while working. The incident responders that work for the police have a certain methodology that they have to follow at a crime scene. They use social

research on the computers that are at the crime scene to determine what may have occurred on that device.

The use of social science principles are a common occurrence in Incident responders' daily lives. First, they have to be able to socialize efficiently with coworkers and other potential people that are at crime scenes and online. The social science topics that they have to work with are forensics, phishing and internet scams, digital piracy, hate crimes, and social engineering. The main principle of social science they work with is sociology and psychology. They use these principles in their career because they need to study how criminals are going to think and what they are trying to achieve in order to successfully prevent their attacks. They especially relate to psychology because they constantly making plans against what potential hackers may do. They set up structures and lists to follow if certain situations may occur. This is important because doing so will allow them to successfully prevent any cyberattacks that may occur. They use sociology to make structures and lists that may help them in defending cyber-attacks.

In general incident responders use a lot of the social science principles in their daily lives. They use them to successfully defend and attack against hackers that are trying to steal their company's information or finances. The main principles they use are psychology and sociology because they need to know how the hacker is going to think and what he is going to do in order to stop them. Incident responders are important because they are the first responders to a cyber attack that may occur on an organization, and they are prepared to prevent that attack.

Works Cited

Cyber degrees. How to become an incident responder, September 28, 2021.

<https://www.cyberdegrees.org/jobs/incident-responder/#:~:text=Incident%20responders%20seek%20to%20protect,and%20correct%20potential%20security%20breaches>. Accessed 19 April 2022.

Eddens, Ann, *Study.com*. Social Science: Branches, Topics, Characteristics, and

Principles. <https://study.com/learn/lesson/what-is-social-science.html#:~:text=Some%20common%20characteristics%20of%20the,equity%2C%20and%20the%20scientific%20method>. Accessed 19 April 2022.

Fichera, Joe, et al. *ScienceDirect*, Responder, 2013,

<https://www.sciencedirect.com/topics/computer-science/responder>. Accessed 19 April 2022.