

Watch this video and think about how the career of digital forensics investigators relate to the social sciences. Write a journal entry describing what you think about the speaker's pathway to his career.

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Digital forensics applications are relatively similar to forensic science, the key difference is one focuses on the physical aspects of the investigation while the other tends to focus on the cyber-related cases. Meaning forensic science tackles cases dealing with evidence such as blood, fingerprints, etc. While digital forensics focuses on cybercrimes, what tools were used, vulnerabilities, finding evidence, and so on. Digital forensics has various social science implementations such as the disciplines it shares. Thus making Digital forensic as an interdisciplinary career, touching bases in law, criminology, and psychology. Law sets the standards and regulations of what is deemed acceptable or not when engaging and using technology. Criminology is the study of crime by using scientific approaches to understand criminal behavior. Finally psychology is the study of the mind, as it can open the scope of understanding intentions, motivates, and underlying behaviors. In the ted talk "Digital forensics" by Davin Teo he explicitly mentions the word "metadata", which is data that shows digital footprint from the users. By doing so it gains insight on the user, what they have done, why, and how. The speaker also touched base on misconceptions that come with digital forensic, saying people assume it's like forensic science when that's not the case. He points out how extremely important digital forensic is, especially in this day and age since online crime has grown exponentially. Combating these online crime the author mentions various tools and methods such as taking digital picture of evidence, knowledge in policies/regulations, and understanding criminal behavior and motives. It's astonishing how Davin got his position in digital forensics and has been working for 17 consecutive years in this field. His journey is inspiring, since during his time "digital forensics" wasn't something you were able to study. It was something you would get chosen for or something you would pursue independently, but now, it's one the most high demand jobs.

References:

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