Digital Forensic Science

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The career that I have chosen is digital forensics. This occupation focuses on the investigation and recovery of cybercrime. However, many avenues within digital forensics are not only criminal but also civil. Many people who choose to do this job have to deal with people's privacy and personal information. They deal with challenges that make their career harder due to the technology they use to help with analyzing their data.

Digital forensics has become an occupation in demand since society has increased its use in the interweb. However, this increase has caused a lot of crime activity online. Digital forensics scientists will gather data on the theft and/ or breach of the network. They will analyze cyberattacks to prevent them and gather the information that is required for any legal action for either a criminal matter or civil. This data may from from many sources like computers, cell phones, or any equipment that has access to the internet.

Since the digital world deals with people's lives, these analysts are faced with whether the information they are gathering has been done ethically. Being in this career you are held to a standard of ethics and principle. This career requires you to deal with people's personal information and have access to their private life. Most of the information that is being collected cannot be accessed without some type of permission from either the courts or the actual person in whom you are investing. If you do not keep these standards then the investigation will be compromised the whole extraction will be useless.

When we sign up to do mostly anything online we agree to a Privacy policy that the network provides us. We all have the right to our privacy but there has been a debate as to where is the

line between the safety of the community and someone's privacy. Also, researchers have found that facial recognition technology misidentifies people of color. These are some of the situations that forensics have to deal with in the field.

In conclusion, a career in digital forensic science is when someone gathers data to prevent and to help with the investigation. They also build a report to help others understand the data that is collected. In this career, you have morals and ethical standards that have to follow. This career deals a lot with people's privacy, and personal information that cannot just be accessed without permission from a third party or the individual themselves. People access the internet web and use it for many reasons, and being in this field you have to have good intentions with a clear non-biased mindset.

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