

The Analytical Paper

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In this analytical paper, I will be discussing the demands that have been placed on the criminal justice system as it struggles to deal with rapidly changing technological advancements. As everyone knows, technology advancements have created a difficult problem for the criminal justice system to handle. With technology advancements, the opportunity for cybercrime has increased and different ways to commit cybercrime have been created. I will be discussing from a philosophical lense how the short arm of predictive knowledge is a concern for the criminal justice system in regard to technology advancement. It is my belief we need to continue to put pressure on our criminal justice system in regard to technology advancement because technology advancement will be an important factor in the world of crime now, as well as in our future. Also, I will take from my previous journal entries and discussion boards and build on what I have learned to provide reasoning to my views. Lastly, I will consider alternate points of view and reason with them.

Philosophical Lense

(1) There are many potential long-term ramifications regarding to the pressure in demands we are placing on our criminal justice system in regard to technology advancement. If we do not place pressure on our criminal justice system about technological advancements, then the possibilities to commit cybercrimes could be endless. This is a concern for many because as a society we want to be ahead of a problem rather than let a problem overtake us. All businesses and companies want protocols and procedures to be put in place to protect their data and the

private information that is trusted to them. If a companies cannot be trusted with private information, it affects how the public perceives them. On the flip side, people will argue that it is impossible to predict future cybersecurity and technology advancements. I believe that these people are right in believing we cannot predict the future in regard to technology. Even though they are right, we should attempt to implement procedures and protocols that acts as a barrier to potential technology advancement. I believe the issue of pressuring our criminal justice system to keep up with rapidly increasing technology advancement is a concern because I believe many of the people who are applying this pressure do not fully understand how broad the world of technology is. I would address this concern by attempting to gather everyone to understand and collaborate to help ease tension between the criminal justice system and the people who put pressure on them.

Theoretical Position

(3) An extremely critical issue in pressuring our own criminal justice system in regard to technology advancement is how different countries around the world have different laws that are in place. Our criminal justice system has recently had to start to deal with cybercrime attacks from international countries who have little to no cybercrime laws. Our criminal justice system spends a lot of money in order to combat cybercrime mostly from international countries. Some of these countries even fund cybercrime attacks to critical infrastructure which drastically changes the lives of many. Technology advancement has made committing a crime to another country possible. Many have taken advantage of their technology savvy and found ways to profit and cause chaos. Some countries may not even provide any funding to prevent or maintain cybercrime threats from technological advancements. Many countries are years behind in

technological development compared to countries like the United States of America, China, and Russia. I believe technology advancement is a world issue because its' benefit and damage can affect everyone around the world. My position on technology advancement is that it is very dangerous that different countries are developing at different speeds. The United Nations held a meeting in which they discussed how technology advancing at different rates in different countries could be threatening. The meeting from 2023 concluded that some countries could miss out on a new "Industrial Revolution" that could leave them in the dust compared to other countries (United Nations, 2023). The Industrial Revolution was a revolution that changed how the world was. The countries that took advantage of this revolution left many of the other countries in the dust. If some countries are left behind in this new "Industrial Revolution", they will be prone to cyber threats and they will not be able to benefit from the technology advancements that help many with efficiency today. As a society, we need to keep technology accessible and available to all.

(2) Another critical issue in pressuring our criminal justice system about keeping up with technology advancements is because as a society we are so dependent on technology. People use technology to do many different things. However, technology is tied to crucial things such as critical infrastructure, data systems, learning, and response efforts. We need to pressure our criminal justice system since technology factors into our day to days lives. For example, we have seen critical infrastructure attacks from hackers on United States infrastructure that has affected the daily lives on Americans in a drastic way. For example, from November 2023 to April 2024, we have seen attacks on water utility, cities, healthcare, and food (Recent Cyber Attacks on US Infrastructure Underscore Vulnerability of Critical US Systems, 2024). My opinion on this is that these attacks will continue to happen because the United States of America has made many

enemies, however we can limit its damages to us by implementing efficient protocols and procedures to limit its spread. Some evidence showing that we are vulnerable is the pro Russia hackers who manipulated critical infrastructure. These hackers bragged about their success and how they did what they did. We should apply pressure on our criminal justice system about technological advancement to hold individuals accountable who affect the daily lives of our citizens. As I have previously stated, many cybercrime attacks occur from international countries. Our criminal justice system will argue that it is outside of their jurisdiction to arrest or hold accountable the people who commit these crimes. A solution to this problem would be to improve foreign relations so the need to attack our critical infrastructure is not as prevalent as it should be. The number one priority of our criminal justice system should be to protect our citizens, and I believe the best way to do that is to improve our foreign relations with our enemies.

Conclusion

(4) In conclusion, as a society we need to apply pressure on our criminal justice system in regards to technology advancements. The world is developing into a technology age, and we need to make sure we are protected from it. With countries with loose cybercrime laws all around the globe, this will leave us prone to cyberattacks. As the United States of America, we need to be in the forefront of countries in terms of our knowledge of technology. We cannot be left behind. Our criminal justice system has to take international threats to our critical infrastructure serious because attacks on them can cost millions in damages and affect the lives of millions. We have become so dependent on technology and mostly all of our critical infrastructure relies on some sort of technology to protect and maintain it. We must invest in this technology and

prioritize spending to attempt to make technology a blessing to us rather than a curse. Applying pressure on our criminal justice system about technological advancement in the best way to secure our safety for our future.

References

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