

Comp C

Comp C

Describe the evolution of systems that manage data, information, communication, and records in response to technological change.

Interpretation

The history of the recordkeeper is a significant one and develops based on the flow of information being sent, processed, and examined within the societies that value it most. Suffice to say, we have had a significant technological boom in the beginning of the 21st century resulting in a rapid requirement to update our information governance policies.

Some countries were ahead of this curve like Switzerland with their *Federal Act on Data Protection* in 1992 which had a significant clause on protecting private assets (DPLW, 2019). It is not surprising that many businessmen and foreign institutions invested in security and financial assets in the country because Switzerland had a policy in place to protect the corporation/organizations' best interests.

America has been creating privacy laws to follow with the updated technological rise of the 21st century and has been preparing for this since the *US Privacy Act of 1974* (Green, 2020). America took a different approach and instead had multiple policies for different types of information protection rather than having a universal policy for all information. The most common one I heard of during this academic experience is the Health Insurance Portability and Accountability Act (HIPAA) which focuses primarily on patients in healthcare.

On top of all of the policies and guidelines being released in anticipation of the rapidly developing technology, we also must consider the technology itself. Accessibility has significantly increased which means data streaming has also increased. I basically have a computer in my hands now. The processing power that used to reside in a basic tower computer in the 90s has now been converted to the size of my hand. Many different discussions are being conducted about the balance between accessibility and security, and in the face of rapid technological development, accessibility has been significantly prioritized over the latter.

Evidence

MARA 284 Cryptology Paper

This was a paper I wrote about the history of cryptology. Part of the development of advancing technology is developing security parameters and figuring out how they can be breached. In this analysis I label very specific highlights in history that promote the developing technology and theory while also raising awareness about the problems that the technology could encounter. Regulations are one matter, but it seems highly illogical to regulate something that you are unaware of. We cannot regulate what we do not know. That in itself is another type of spoliation.

MARA 210 Discussion 5

In this discussion we talked about one of the oldest yet long lived technology, microfilm. Going with the theme of technology advancing the information yield, microfilm has been around for a significant portion of the information development period. A format that is almost 200 years old is not something to shy away from. If the procedure is efficient for that long, it does deserve an analysis because of the many years it provided a service not only to the recordkeeping profession but to the general public as well. Our profession is created to serve the public and private organizations we align ourselves with, and knowing about this technology helps us understand future developments.

MARA 200 History of the Archivist

Our profession is one of the oldest in the development of humanity. In this paper I discuss how our profession has been viewed throughout history. We had to change rapidly with the development of technology, but we also had moments where there was little to no change at all. Sometimes there were moments where we lost significant information due to mass scale spoliation attempts that succeeded. Enron may have been the catastrophe for this century, but the one that resonates the most with me is the loss of the Library of Alexandria. We still have not figured out what we lost in that tragedy and can only speculate.

Conclusion

Our profession is one of the oldest in the world and our ability to acknowledge and work with change is what defines our profession's greatest trait: compromise. Our profession is given limited resources and told to make do with what we have rather than ask for more assistance. Technology is rapidly developing and we have to keep up consistently with limited resources, and our ability to adapt to the societal and technological changes is what has kept this profession going. Determination is what keeps us going even when our profession is not acknowledged by our peers.

References

- District Protection Laws of the World. (2019, January 28). *Law*. DLA Piper Global Data Protection Laws of the World - World Map. <https://www.dlapiperdataprotection.com/index.html?t=law&c=CH>
- Green, A. (2020, March 29). *Complete guide to privacy laws in the US*. Inside Out Security. <https://www.varonis.com/blog/us-privacy-laws/>