

Journal Entry # 15

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Humanity's reliance on technology is at an all-time high. Now, more than ever, our dependency on computers, gadgets, and machines are growing by the second. While most of these technological advancements are beneficial, some of it, if used improperly, can cause harm. Perhaps, one of the best example of this is A.I. A.I. or Artificial Intelligence, is the ability of a computer to do task that are usually done by humans. AI is such an integral part of cybersecurity. As cyberattacks are becoming more frequent and prevalent, AI can help cyber professionals in its fight with cyber criminals in a variety of ways. A good example would be a security scanner beefed up by an A.I. can help optimize and improve the detection and response in analyzing and sweeping potential breaches and vulnerabilities. It can help identify viruses, malwares, and phishing attacks at a faster rate than traditional manual monitoring done by humans. With that being said, cybercriminals can also use A.I. to their advantage. Cybercriminals can use A.I. to send malicious programs that can attack and render security networks helpless. They can also use A.I.-boosted programs to deliberately install viruses that will make computers more prone to hacking. A.I. is, and will continue to be an important part of cybersecurity. It is a double edge sword that can greatly benefit, or harm the digital world.