My major is in Cybersecurity, which means I am protecting both physical and electronic objects from cyber attacks. This means I would be securing networks so no nefarious persons can get into the network and mess with other nodes inside the network. It can also include making credentials for people authorized into the network or PCs and blocking unauthorized people from getting in. It can even mean making sure electronic devices are up to date and working properly.

Artificial intelligence can cover a very wide range of tasks, both simple and complex. Inside Cybersecurity it can monitor networks for anomalies such as unauthorized access or failed logins. It can also detect DDoS attacks by seeing a large increase in certain packets. They can monitor physical device health and predict when those devices might malfunction and notify someone to maintain the device. They can also use facial recognition, which can be used to identify authorized or unauthorized personnel when trying to enter areas.

As useful as artificial intelligence can be there are some ethical issues with it. Many people are concerned about the intelligence of AI in the future. There are many different views people have towards AI. Some people want to create AI to have about the same intelligence and problem solving as humans. This worries people and has the possibility of becoming dangerous. If an AI can think the same way humans think then if AI is treated incorrectly there is a chance the AI can become hostile. Another way some people see AI is that they should only do small tasks and be kept in control of humans. This can be considered unethical as well because if you create intelligence and keep it stunted, that can be considered immoral. The last view on AI is that some people want to make AI smarter than humans so we can further research. This has the same dangers as if they had the same intelligence as humans, just worse.

Personally I feel as though AI could be a great tool in Cybersecurity if used correctly. Even though the ethical issues are concerning, if we carefully monitor AI and create a few

definite rules that they can't break, then I think AI could be the next step to the future of

Cybersecurity.