

# What I learned at Gen Cyber Camp

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# About Gen Cyber

Gen Cyber camp is funded by the National Security Agency and the National Science Foundation. In addition it is sponsored by ISTS, the Institute for Security, Technology, and Society, and Information Technology Services at Dartmouth College.

For additional information you can refer to [www.ists.dartmouth.edu](http://www.ists.dartmouth.edu) and [www.gen-cyber.com](http://www.gen-cyber.com)

# First Day

We learned an overview of what we would be doing in the coming week and the basic ideas of Cyber Attacks and how to defend against them.

## Day Two

On the second day we learned the basics of how a network works. We then learned the basics of how a network can be protected from being breached or compromised.

# Day Three

Similarly to day two, on day three we went through an overview of how servers work and learned how they could be defended from attacks.

# Day Four

On the fourth day we learned about Cryptography and how data can be protected and kept secure, even if it is intercepted, through encryption.

# Day Five

On the fifth day we concluded what we learned throughout the week by talking about how cyber attacks are carried out, and the part humans play in cyber security and what we can do in our lives to help keep ourselves and others more secure.

# Reaching Out

As part of going to this camp we were asked to present our ideas to other people in order to spread the knowledge that we learned to more people instead of just those were at the camp in order to teach more people about how they can be more secure in their everyday lived. I talked to the coach / mentor of our Robotics team about some of the things I learned that week.