

ISTE 110: Ethics in Computing

Alvin Lin

February 15th, 2017

Global Warming Presentations

Continue global warming practice presentations. Tips:

- Watch your time
- Practice your presentation so that there is no one dominant speaker
- Hone in on the relevancy of the words that you use
- Focus on the summary so that the audience has a takeaway.

The Brandon Mayfield Case

In 2004, an attorney named Brandon Mayfield was arrested by the FBI in connection with the 2004 Madrid train bombing due to a fingerprint match. He lived in Portland, Oregon and his passport showed that he had never left the States. Multiple times, the FBI accessed his house, copied his hard drive. He was arrested as a material witness to a crime. During those two weeks, he had no communication with his family. Afterwards, the Spanish government detained a suspect with also with a fingerprint match and Mayfield was released. During his detainment, Mayfield was subject to humiliation, poor/unsanitary living conditions, etc. He sued and won \$2,000,000 in a settlement.

The Fourth Amendment

The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrants shall issue, but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

Katz versus the United States

- Arrested for using a phone booth to run an illegal gambling scheme
- Supreme Court ruled on the legal definition of “search”.
- Significantly expanded the power of the Fourth Amendment

The Red Scare

- Espionage Act of 1917: Illegal to interfere with efforts of the US Armed Forces.
- Sedition Act of 1918: Illegal to voice criticism of US government or military during times of war.
- Immigration Act of 1918: Palmer Raids, widespread deportations.
- Joseph McCarthy was a US Senator from Wisconsin who tried to discredit others by accusing them of being Communists and claimed to have a list of Communists inside the US government.
- J. Edgar Hoover was the director of the FBI from 1935 to 1972. He was given warrantless wiretapping permission. This was the beginning of the justification of spying on citizens for the reason of national security.

Project Shamrock

The Armed Forces Security Agency initiated Project Shamrock in the 1940s to intercept all telegraph communications entering or exiting the United States. It was disbanded in May 1975 as its existence became public. The “Church Committee” led by Senator Frank Church in 1975 found that the correspondence of most US citizens was being monitored.

Computer Security Act of 1987

The Computer Security Act of 1987 was in response to Reagan’s National Security Decision Directive 145 in 1984 to improve the security and privacy of sensitive information in federal computer systems. The National Institute of Standards and Technology was created to come up with best practices, and they could draw on the NSA for their help regarding advice on the protection of information. The clipper chip was promoted by the NSA, who pushed for a universal key to decrypt communications. However, it was never peer reviewed and its standards would only apply to US technologies.

Carnivore

Carnivore was a software designed to access a user’s email and online communications, as well as internet history.

The USA Patriot Act

“Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism”

- Allows for seizure of communication records without notifying the accused of why they are being seized.

- Can take voicemail with just a normal search warrant, instead of a wiretap warrant.
- Section 206: Roving Surveillance Authority gave carte blanche to the government.
- Section 213: Delayed search warrant notification.
- Section 215: Allowed access to records and other items under the Foreign Intelligence Surveillance Act.

Patriot Act II

The Domestic Security Enhancement Act draft was leaked to the public in 2003 and nicknamed the “Patriot Act II”.

You can find all my notes at <http://omgimanerd.tech/notes>. If you have any questions, comments, or concerns, please contact me at alvin@omgimanerd.tech