Cryptoparty

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Southside Hackerspace: Chicago

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What are we going to do today?

- Introductions
- Context
- Basic cryptography/security concepts
- Setting up tools: PGP for email encryption
- Open time: Q and A, lightning talks, keysigning
- Already use PGP? Please help teach!

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- Privacy is important for dissidents and democracy. It helps maintain the balance of power between individuals and the state.

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- "Properly implemented strong cryptosystems are one of the few things we can rely on"
- But endpoint security is an issue.
- If the government and corporations don't care about protecting our privacy, we can do it for ourselves.

Security Mindset

There's no such thing as absolute security. Consider your home.

You're balancing risk and security. You want to exert just more effort than your adversary is willing to commit.

Consider your threat model:

- **What do you want to keep private?** e.g. your .porn directory, your stolen government documents, the fact that you have cancer, your sexuality
- **Who wants to know?** e.g. Your employer? Nosy kids in coffee shops? Criminals? Police? FBI? NSA?
- **What can they do to find out?** e.g. Dragnet surveillance vs. targeted surveillance, subpoena third parties for your data, hack into your computers
- **What happens if they succeed?** e.g. embarassment to death, imprisonment

Then you make a security plan.

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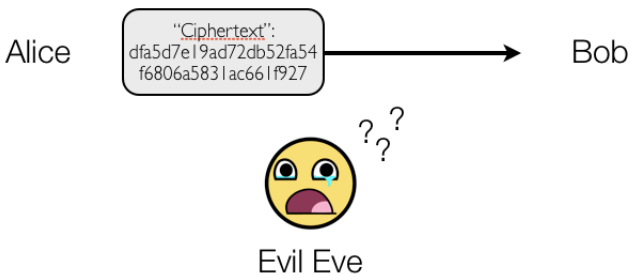

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- Use HTTPS as much as possible: Install **HTTPS Everywhere**, a browser extension.