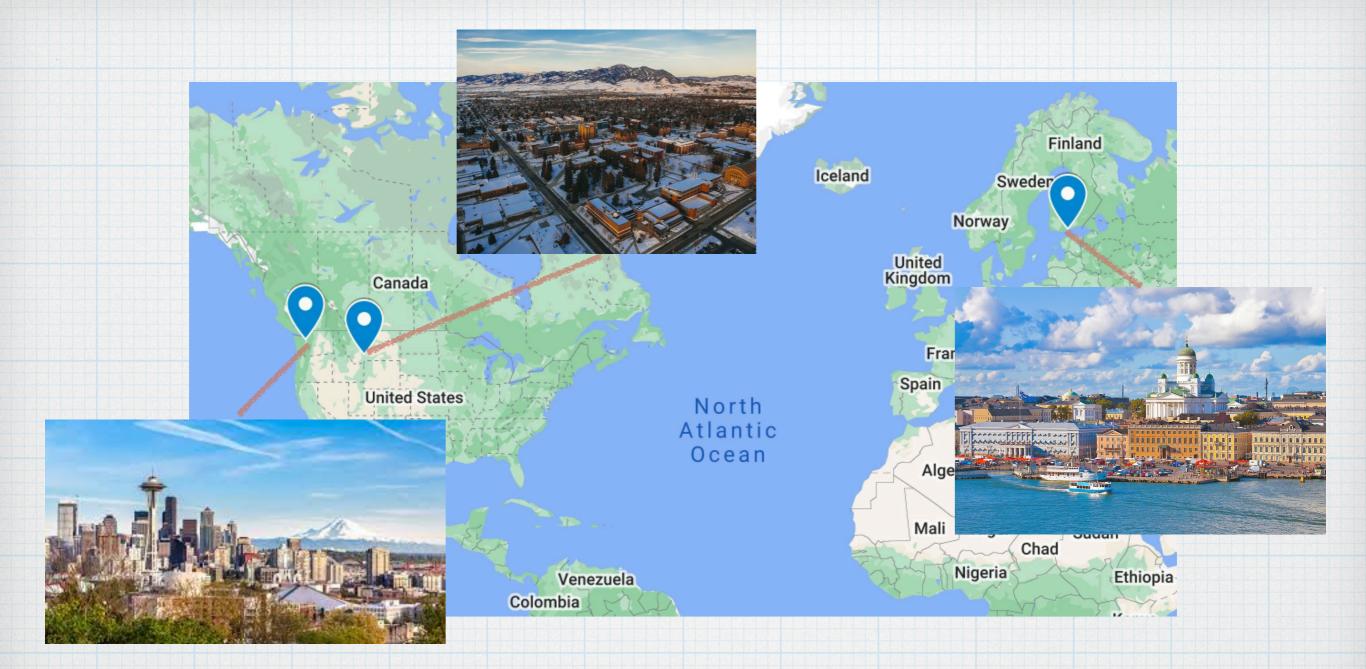
Data Breaches

What they are & what you can do to prevent them

Lucy Williams Teaching Demo, October 25, 2021



Undergraduate: Applied Math Industry: Data Scientist PhD: the computer science behind DNA sequencing



* Understand what data breaches are

* Learn concrete steps you can take to prevent them

What is a data breach?

Exposure of confidential, sensitive, or protected information to an unauthorized person





* Ashley Madison, Adult FriendFinder



Poor security practice

Sophisticated hack



Missouri education website Facebook FriendFinder

> Ashley Madison

> > VTech

SolarWinds



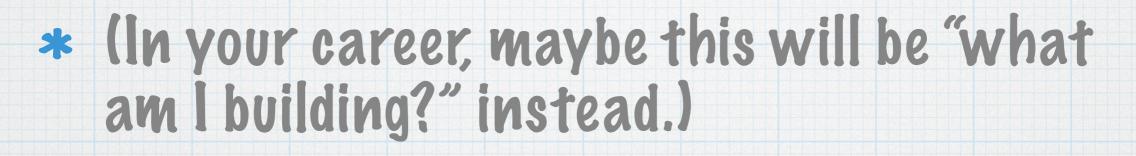




* Understand your threat model



* What systems do luse?



* What could go wrong?

* What should I do about the things that could go wrong?



* Pon't use reused or guessable passwords

* Use a password manager! LastPass is free





* Study computer science and computer security

Thank you!

Find me at: lgw2.github.io 350 Barnard Hall (in the spring)

Citations

