CRYPTO
PARTY

agenda

- intros & thank yous
- mobile phone
  - dance break -
- surveillance
  - dance break -
- personal digital safety
- wrap up

DC CRYPTOPARTY OCT 22, 2018

thank you, shaw library!

slammer and tania

why cryptoparty?

space & community

be excellent to each other!

try things out!

mobile phone

texting

web browsing

using applications

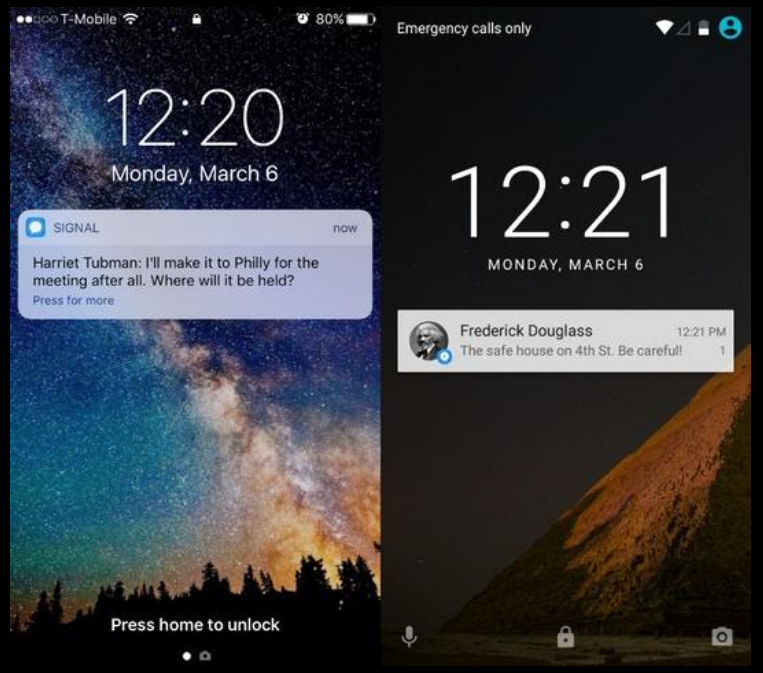
texting

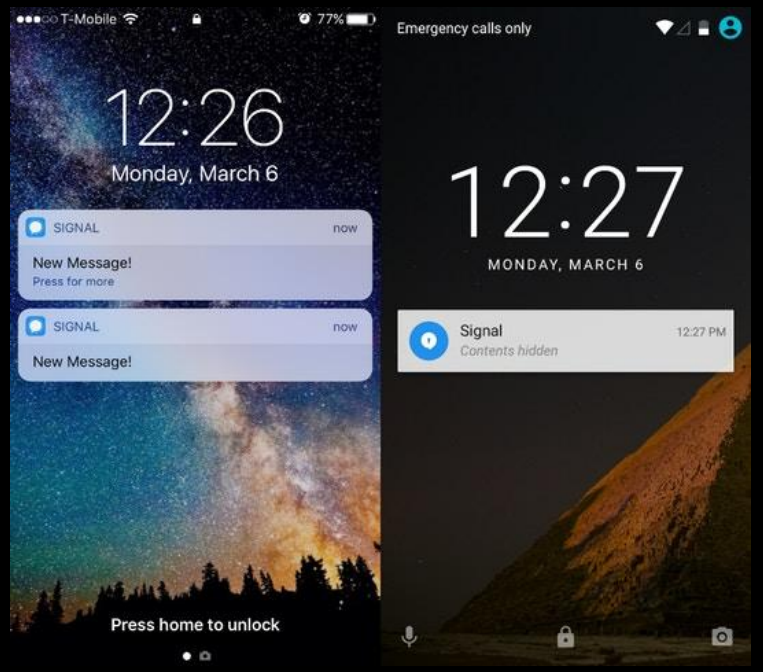
clear text vs. encrypted text

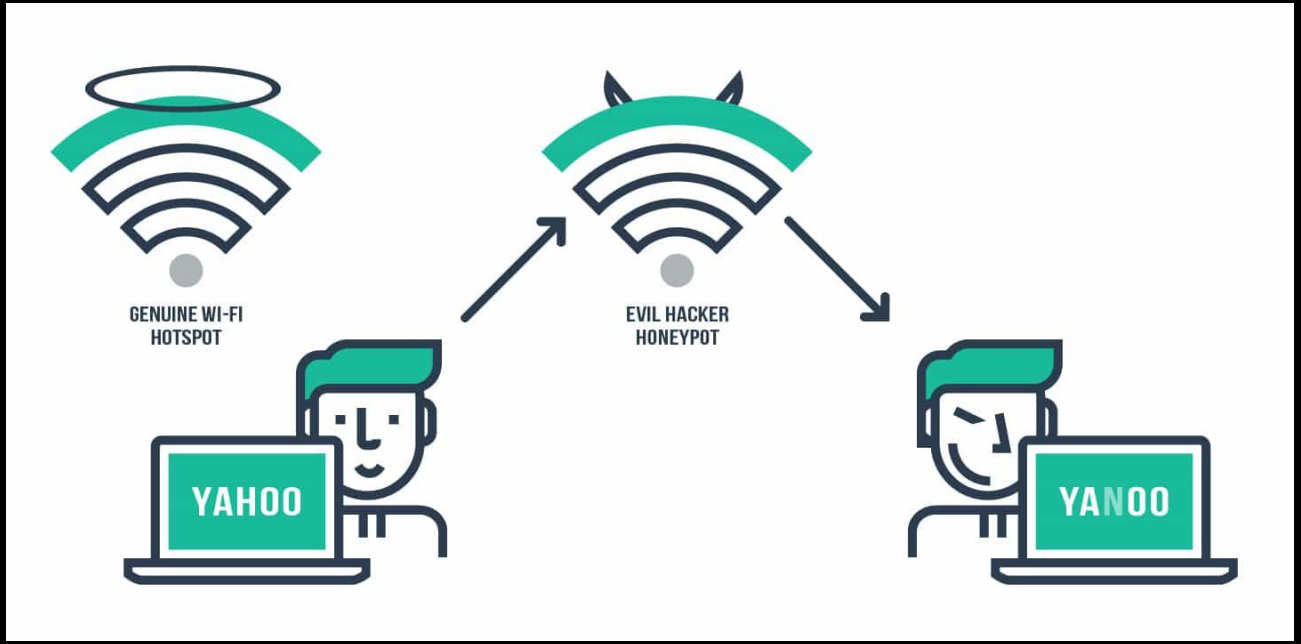
- Signal
- WhatsApp
- iMessage

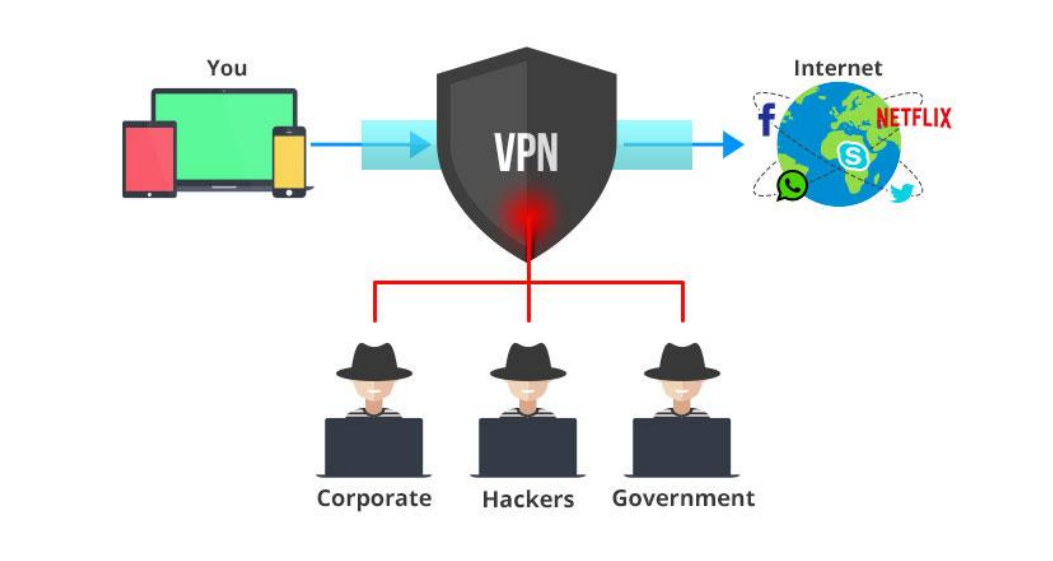
lock screen notifications

sensitive information









mobile web browsing

secure browsing

VPN – virtual private network

unknown wifi

https, not http

mobile applications

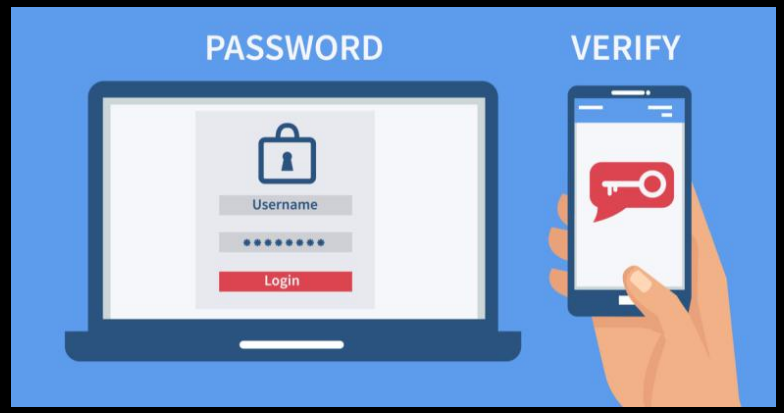
recognized app stores
- iOS App Store
- Google Play

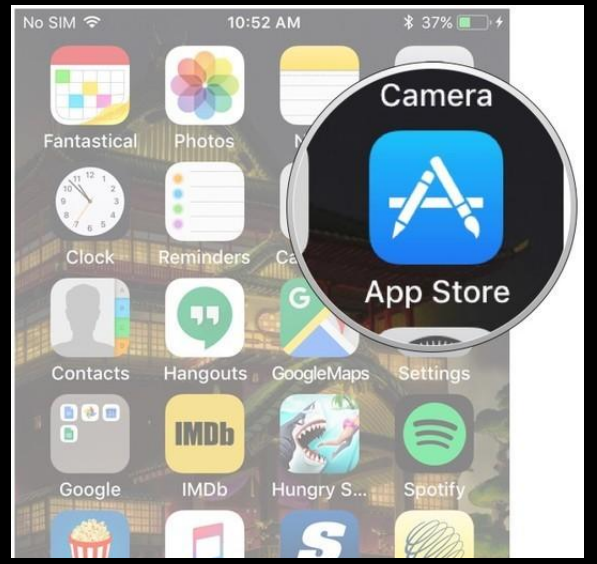
app permissions

manage location services

2-factor-authentication

more secure passwords





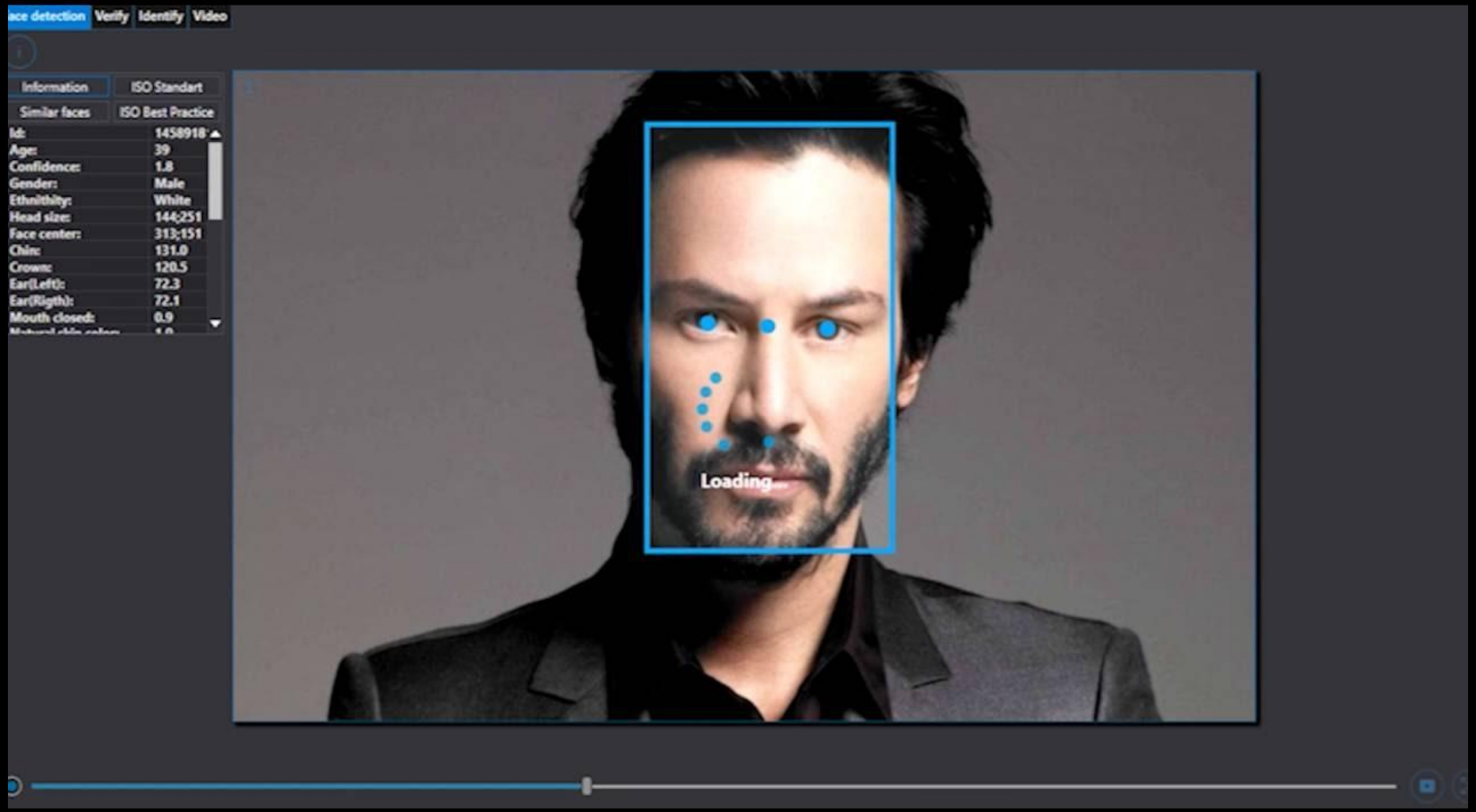
share your tips/questions for securely using mobile phones

break time!

surveillance tech: facial recognition

what is it? And how does it work?

what is the meaning of surveillance?


ace detection
Verify
Identify
Video
Information
ISO Standart
Similar faces
ISO Best Practice
Id: 1458918
Age: 39
Confidence: 1.8
Gender: Male
Ethnithity: White
Head size: 144;251
Face center: 313;151
Chin: 131.0
Crown: 120.5
Ear(Left): 72.3
Ear(Rigth): 72.1
Mouth closed: 0.9
Loading...

take 2 minutes to draw:
face recognition or detection systems that you see everyday

face detection vs face recognition:

face detection is the use of computer technology to identify the existence of a human face in an image or video

how does face recognition work?:

1. find a face in an image
2. strikes a pose & project images
3. the computer measures the face
4. Compares the face with other faces with similar measurements

OpenCV Dazzle

Dazzle

Aug 22, 2017

An open source face detection toolkit is being developed to evaluate looks using haar, dlib, ssd, and yolo face detectors.

In the meantime, everything here is designed for the OpenCV haarcascade face detection algorithm

LOOKS

STYLE TIPS

RELATED PROJECTS

COLLABORATIONS

PRESS

REFERENCES

CONTACT

New Looks

by Coreana Museum of Art + Soobin Academy + G-square Model Academy

Anti Face

This face is unrecognizable to several state-of-art face detection algorithms.

Camouflage from face detection.

clare garvie
senior associate | center on privacy & technology @ georgetown law

break time!

personal digital safety

how do i start?

step 1:
where’s my stuff?

create your information map!

- Where is my information?
- What kind of personal information do I share on a daily basis?
- What kind of personal information do I rarely interact with?

step 2:
what information do i
value and how could
it be at risk?

outline some personal scenarios!

- How could my information be intercepted, compromised, corrupted, falsified, lost, etc?

- Who or what could be a threat against my information?

step 3:
how do i protect my information better?

create your action plan!

- What are behavior changes I can make?
- What are potential tradeoffs?
- What tools exist to help me?
- Who can support me?
- What is my strategy to stay on top of it?

Try it out!