

Welcome



Face coverings are still required.

All students must wear face coverings
when participating indoors
in instructional settings.

Campus Ready

For more information, visit campusready.ucdavis.edu.

CLASSROOMS

UC DAVIS

Please take a seat!
We're so happy to have you here!

UC Davis health guidelines require:

- Face coverings are required at all times.
- Symptom Survey must be "Approved", or valid proof of vaccination is required

Congrats - NCL Top 5



Display Name	Score (of 3000)	Final Rank (of 6467)
akaneko	2425	124
Kevin P	2055	260
Trevor Lopez	1635	???
KZ Kazuki	1260	???
n8r	1020	???

Welcome to OSINT



Sounds really cool!

Stands for: Open Source Intelligence

Essentially: Extreme Searching Skills

Advanced Google Searching



Examples:

`site:daviscybersec.org password` - Search only for pages on daviscybersec.org

`"Catsarecool22"` - Search for exactly "Catsarecool22"

Google is powerful! Try searching
`00bfc8c729f5d4d529a412b12c58ddd2`

Images



A picture is worth 1,000 words + some more...



<https://davis cybersec.org/random/cutekitty.jpg>

Ashley saw this cute cat plush and took a picture of it, but forgot where to buy it. Can you find where to buy it?

Images Solution



Main Solution:

There are plenty of websites to do this!

<https://onlineexifviewer.com/> is my favorite.

Other Solutions:

- Windows: Right click > Properties > Details
- Command line tools: *exiftool*, *identify*

About EXIF Stripping



Social media sites will strip this data before sending the image to other users. Discord, Twitter, Etc.

This does not mean they don't use that data.

More Images



TinEye Reverse Image Search
Search for exact image.

Yandex Image Search
Uses facial recognition.

Website Info



ICANN: “Each one must provide identifying and contact information which may include: name, address, email, phone number, and administrative and technical contacts. This information is often referred to as ‘WHOIS data.’”

Problem: Often domain registrars offer privacy options.

Try looking up facebook.com on <https://who.is/>

Command line: `whois facebook.com`

WiFi Location



Breakdown of a WiFi broadcast:

SSID: "FBI Surveillance Van", "eduroam", etc.

BSSID: 0A:2C:EF:3D:25:1B

Encryption: WPA, WPA-2, etc.

A lot of other stuff...

Scenario



Oh no! A hacker is on campus! Track them down!

You somehow gained access to their machine and used *iwconfig* on their machine and got the BSSID before they cut the connection.

BSSID: 04:A1:51:38:23:D4

Which campus building is the hacker in?

Solution



Easiest Solution: Use site wagle.net.

Alternatively, use Google API. (Need a dev account..)

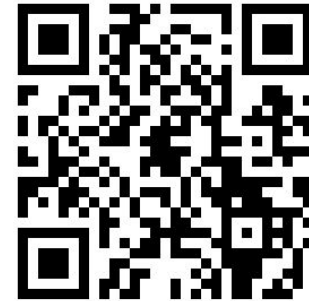
Fun fact: Android "Improve Location Accuracy" settings scans local WiFi networks to "improve" location accuracy.

Official Member Applications



If you have attended a lot of our meetings, or some meetings and participated in NCL, please apply to become an official member.

There are no obligations to becoming an official member. Members and non-members can participate in any club activity.



<https://forms.gle/9ePSzgF74fh2LpTAA>