

<https://forensic.coffee>
Anthony Kava
I Karver

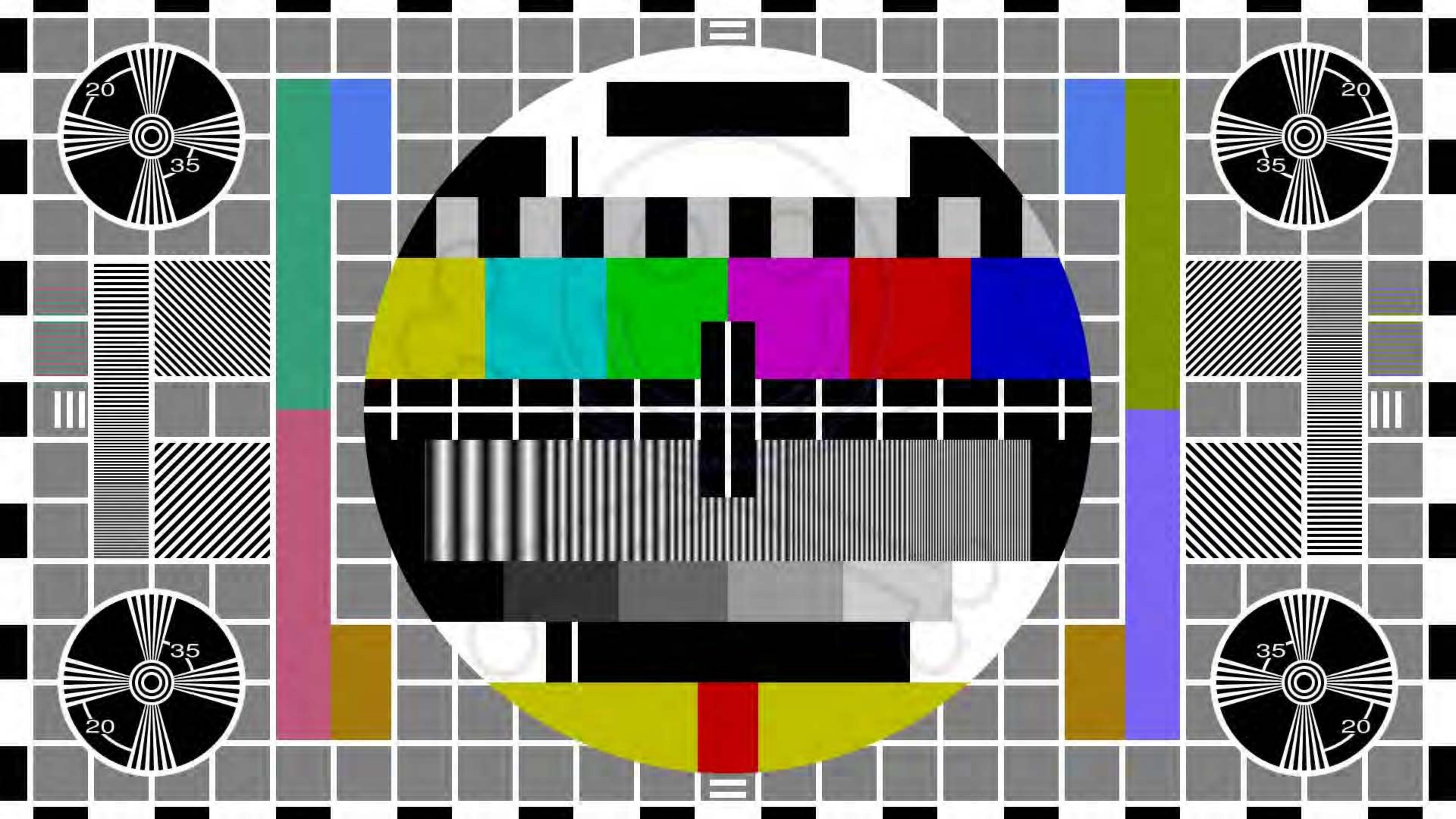


TODO: Pr
Deck v24.08.10.1224T

SUN, 2024-08-11 @ 1200T
LDCC - L3 - W322-W327
Warstories Track



Solving the
"Lover,
Stalker,
Killer"
Murder
with strings,
grep, and Perl





"This isn't Black Hat. We don't need to
shoehorn in a quote from 600 B.C.E."

- Cyber Sun Tzu

THIS SLIDE HAS BEEN SEIZED.

The Federal Bureau of Investigation seized this slide as part of a coordinated law enforcement action taken against sub-par memes. To report bad memes visit: <http://memepolice.lol>



ZENTRALE
KRIMINALINSPEKTION
GÖTTINGEN



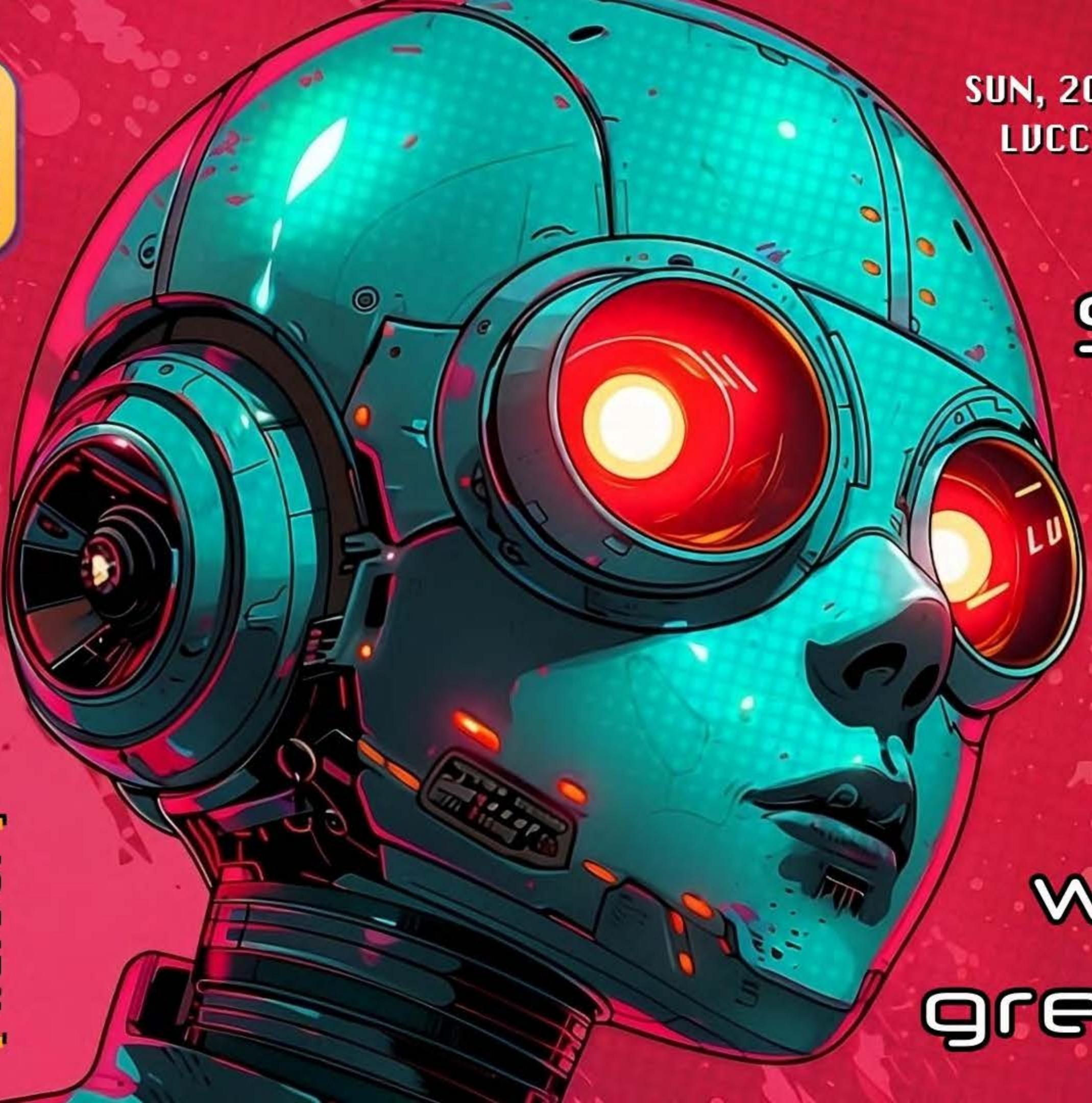
Federal
Criminal Police Office



NCA
National Crime Agency



<https://forensic.coffee>
Anthony Kava
[Karver]



SUN, 2024-08-11 @ 1200T
LDCC - L3 - W322-W327
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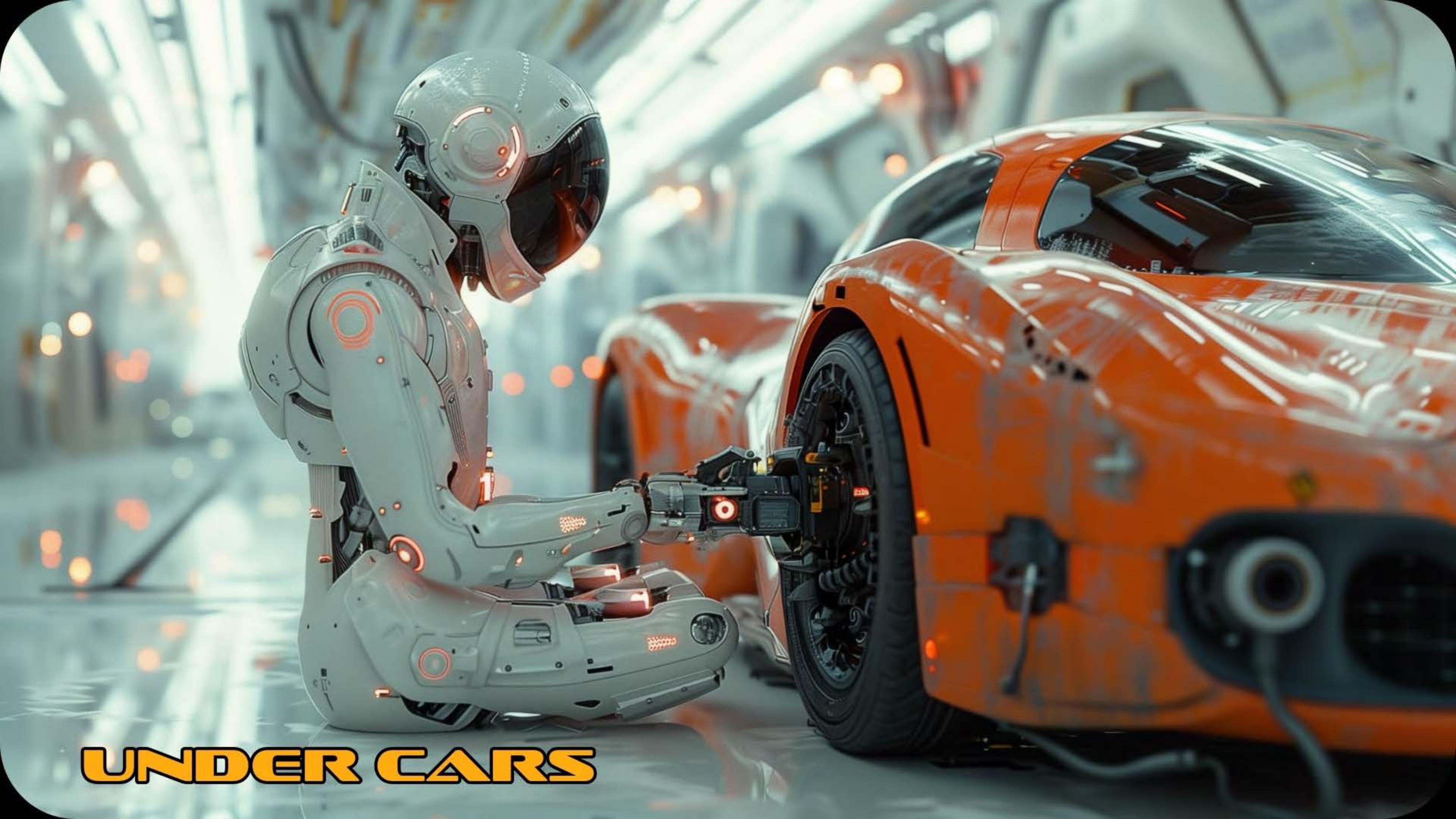
2000 08 05



2017/02/06 17:28



THE PLACES YOU'LL GO...



UNDER CARS



AWKWARD CUBICLES



I just kept yelling
“**ENHANCE!**”, and it
kept working!

TO THE KEYBOARD!



WITH HELP FROM DMX?



DISCLAIMER

SOLVING THE “LOVER, STALKER, KILLER” MURDER WITH STRINGS, GREP, AND PERL

T/W: Violence

Spoiler Alert!!!1

Personal Opinions

I Love My Job &
Also Not Getting Sued



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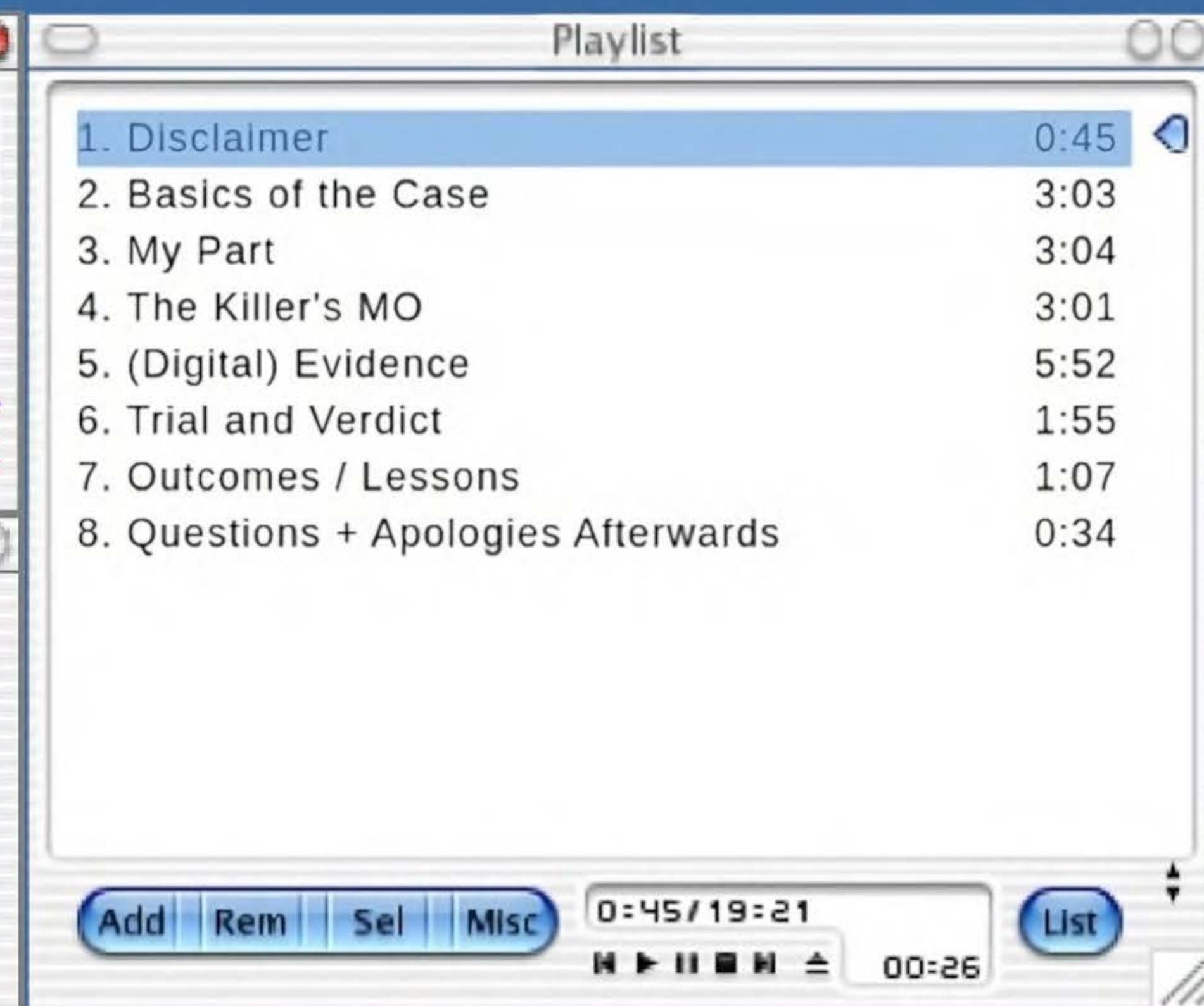
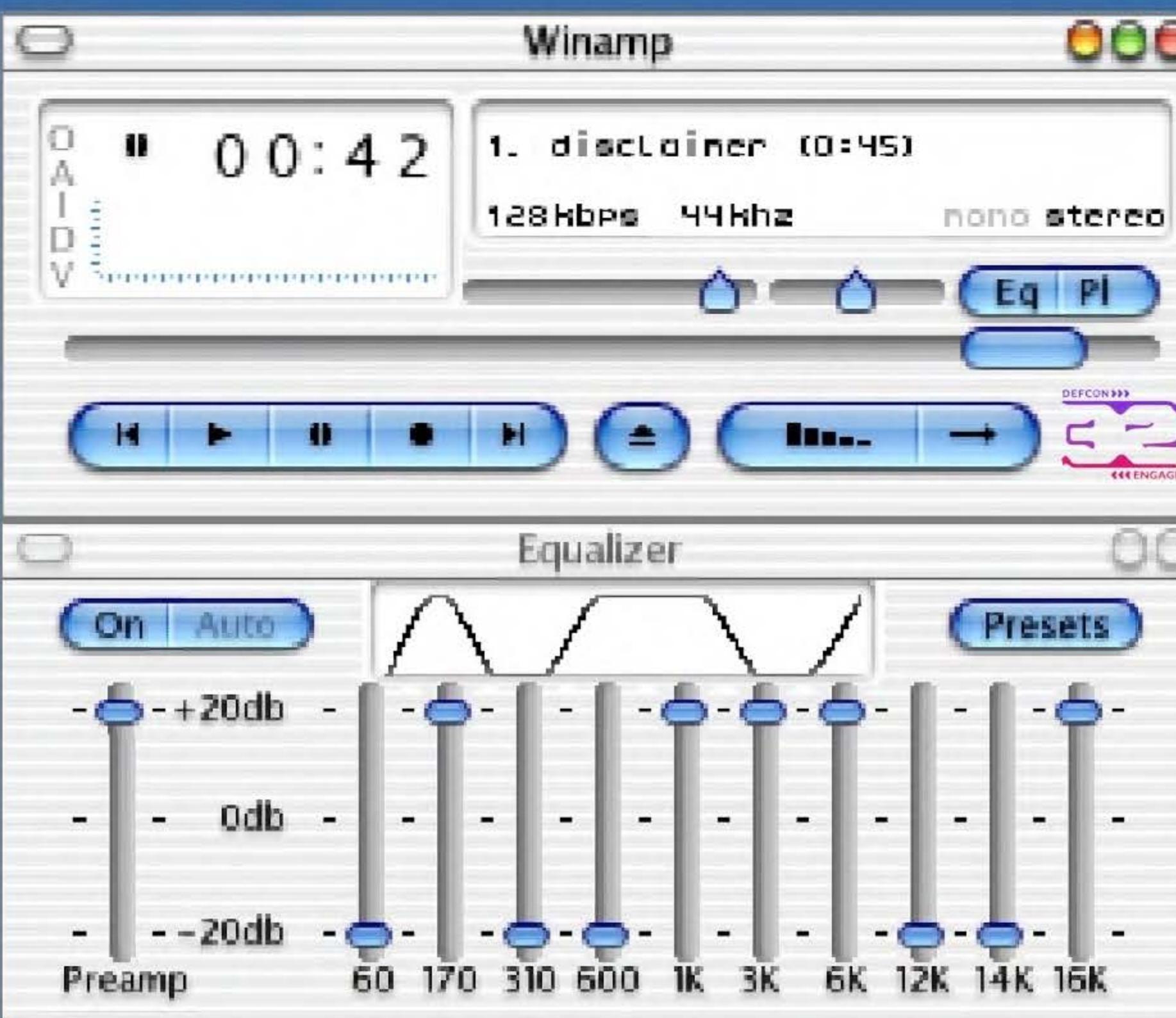
T/W: Violence

Spoiler Alert!!!1

Personal Opinions

I Love My Job &
Also Not Getting Sued

AGENDA



cat

3000h of Work
5h Book Reading
("A Tangled Web" by Leslie Rule)



gz

2h Case Study
2h Dateline NBC



bzip2

90' Netflix Doc
("Lover, Stalker, Killer")



xz - 9

20' DEF CON Talk
(You Are Here)



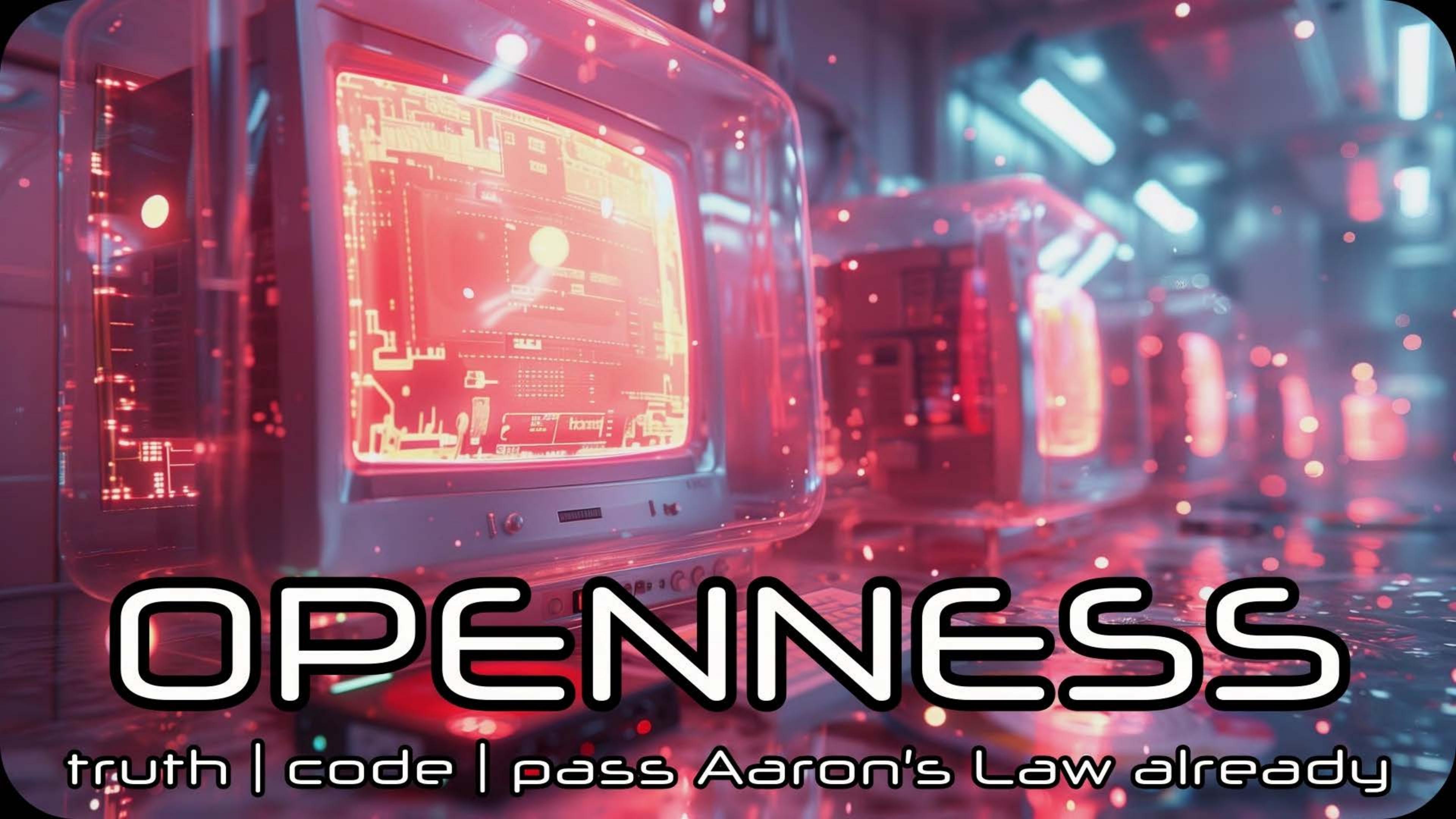


OFIR vs. LED

harder | better | faster | stronger | legaler



ENGAGE!



OPENNESS

truth | code | pass Aaron's Law already



Victims should be our focus, and one attribute
or diagnosis does not define a person.



CARI





DAVE

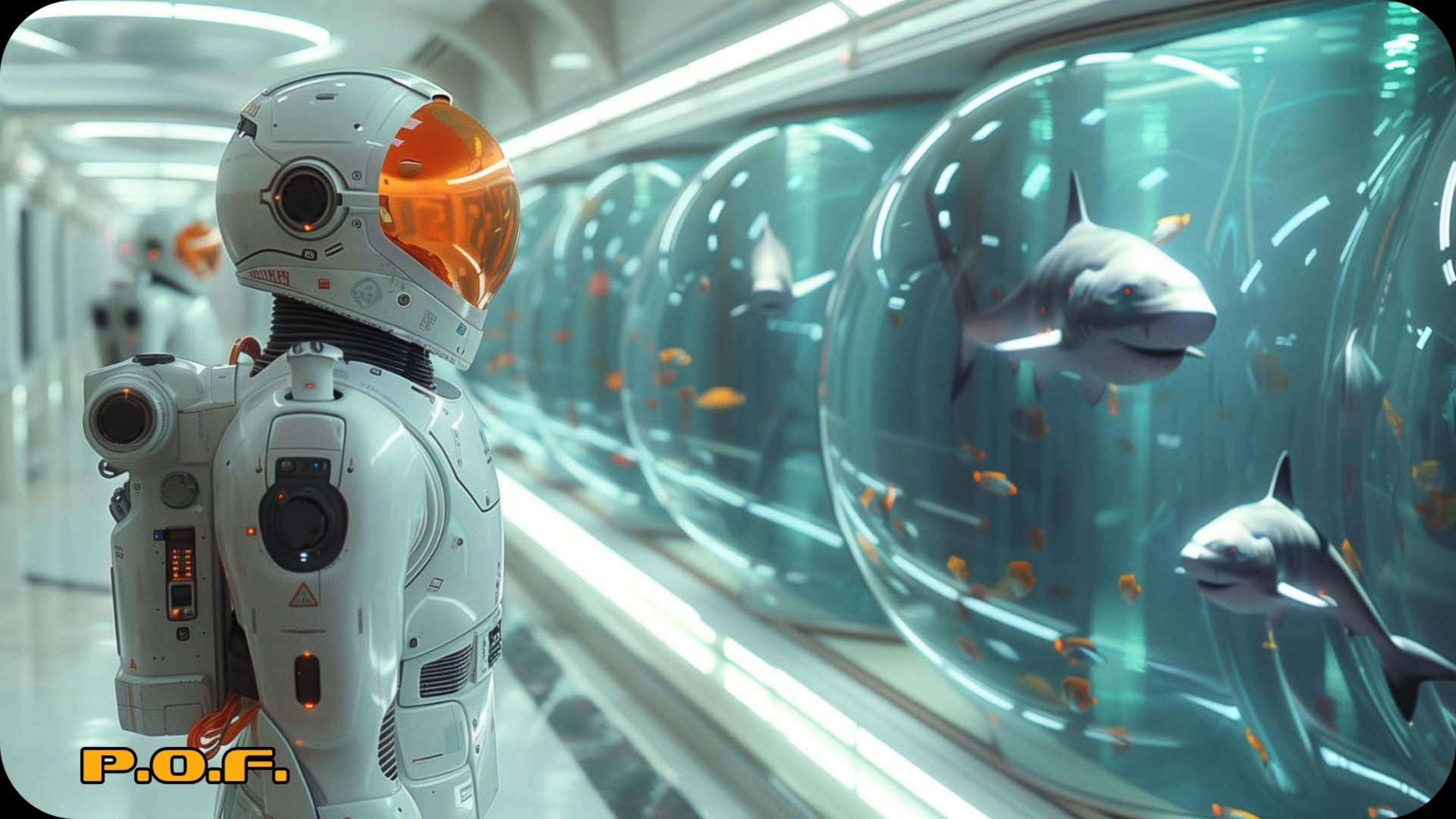




DAVE + AMY



MODERN DATING



P.O.F.



NETFLIX

3368661
ESTREAM

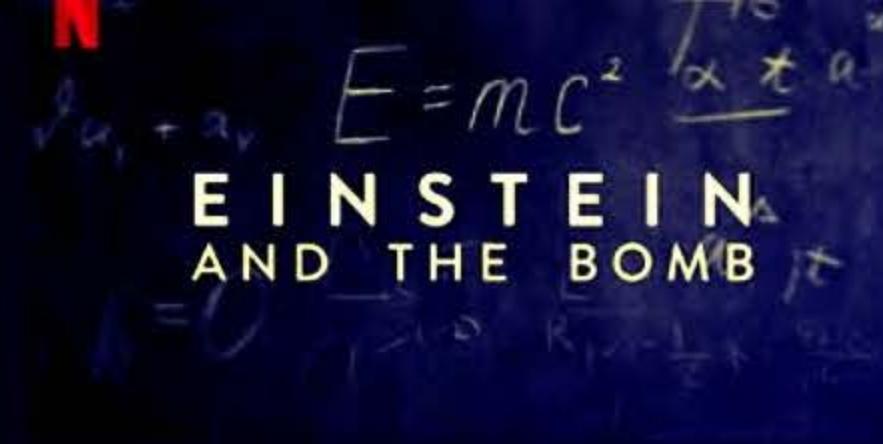
333917666
403510

333917666
403514

| MULT |

| MULT |

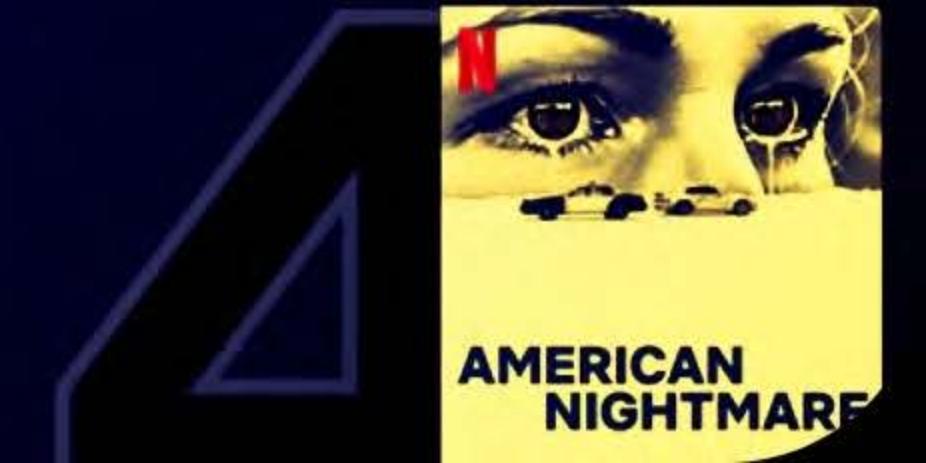
| MULT |



Top 10 Movies in the U.S. Today



Top 10 TV Shows in the U.S. Today





DAVE'S PLACE



COMPLETE

2012-11-13

FROM: CARI

LETS MOVE IN TOGETHER

DEFCON



FROM: CARI

I NEVER WANT TO SEE
YOU AGAIN

DEFCON

FROM: CARI

I AM SEEING SOMEONE
ELSE

DEFCON

FROM: CARI

I HATE YOU

DEFCON

***** DEF CON 32 BASIC UX *****
64T RAM SYSTEM 31337 BASIC BYTES FREE

YOU'RE ABOUT TO ↵ HACK TIME ↵ !

ARE YOU SURE??!!?

YES ↵

↑

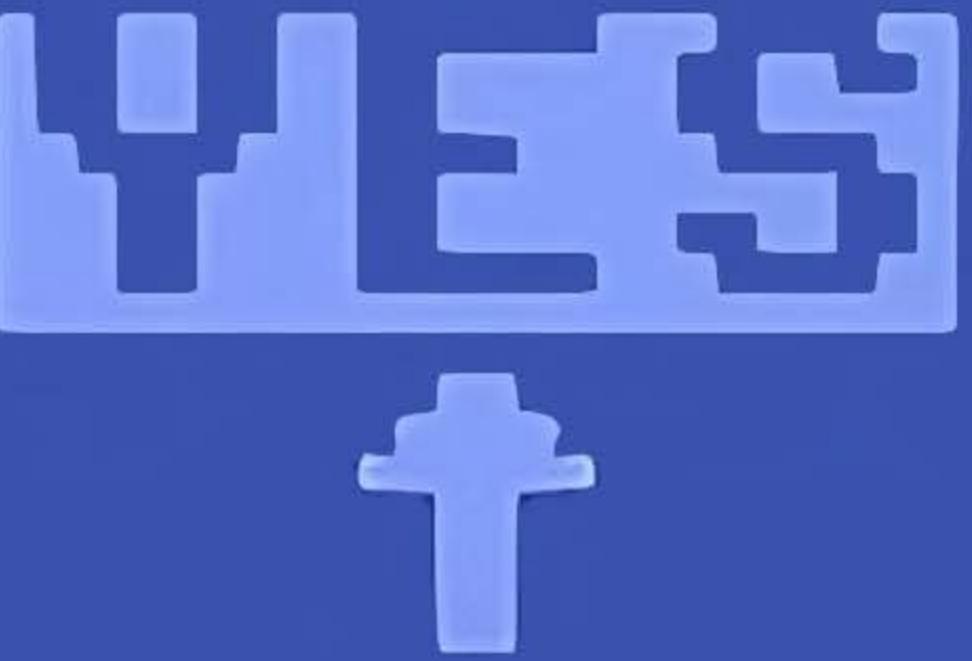
***** DEF CON 32 BASIC UX *****
64T RAM SYSTEM 31337 BASIC BYTES FREE

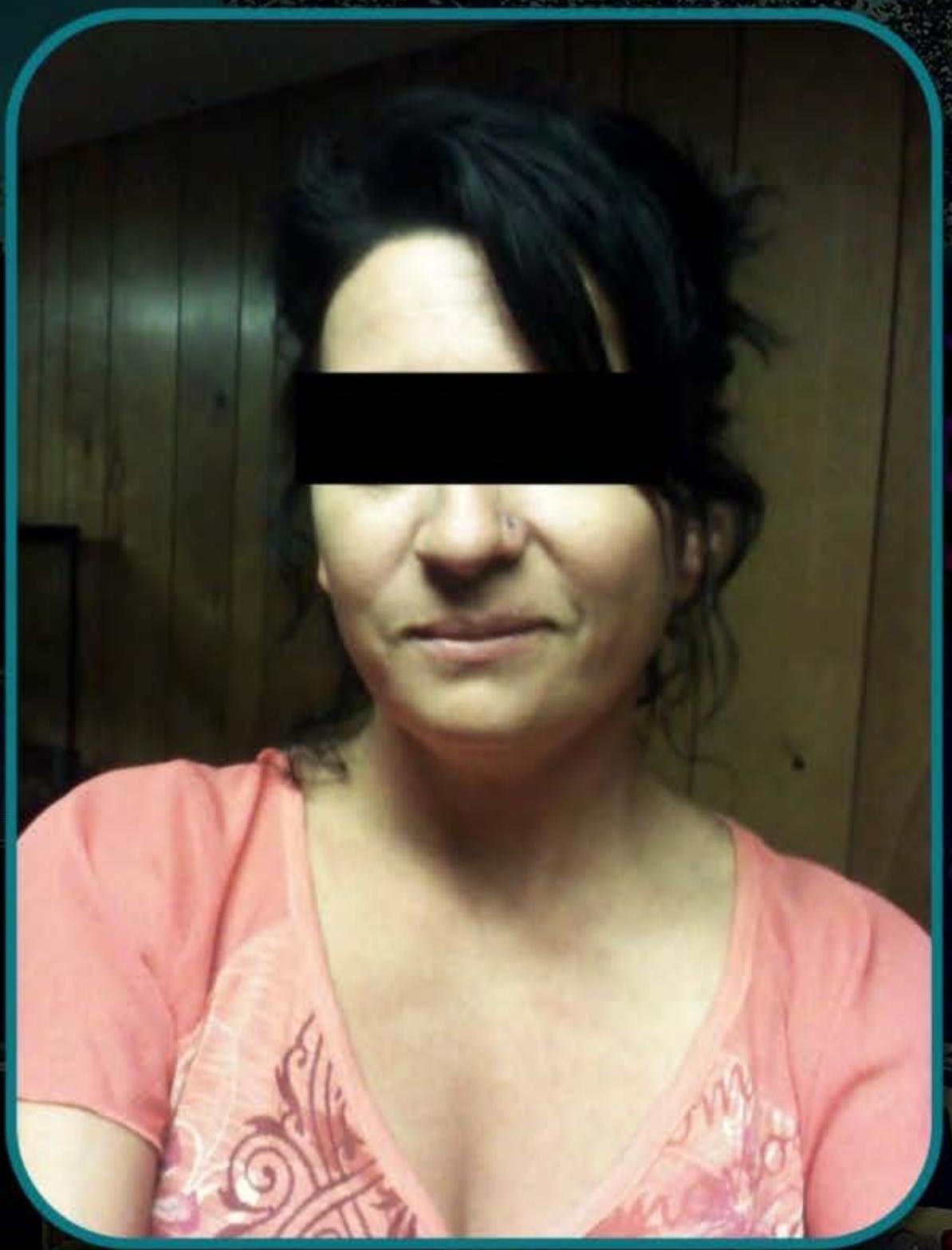
YOU'RE ABOUT TO ↵ HACK TIME ↵ !

ARE YOU SURE??!!?

YES NO







FROM: CARI

I AM WATCHING YOU

DEFCON



FROM: CARI

I LEFT YOU SOMETHING

DEFCON



LIFE IS A MERE

From

GAME

FROM: CARI
YOUR SMOKE ALARMS
ARE GOING OFF

DEFCON



08/17/2013 09:46

08/17/2013 12:17

3
3





11:18 PM

 Me**Cari Lea Kroupa**

To: Dave Kroupa,

Lilith

12:56am, Aug 17, 2013

Nasty whore, Dave doesn't want you talking to him anymore. He wants to be with me we are trying a new relationship. We have had sex recently. He loves me and always will he doesn't want you back you nasty fat whore **Lilith** Hope you and your kids burn to death.

UNITED STATES DISTRICT COURT
for the
Southern District of Example

United States of America

v.

)
)
)
)
)

Case No. 13-012345

"Cari"

Defendant

ARREST WARRANT

To: Any authorized law enforcement officer

YOU ARE COMMANDED to arrest and bring before a United States magistrate judge without unnecessary delay

(name of person to be arrested)

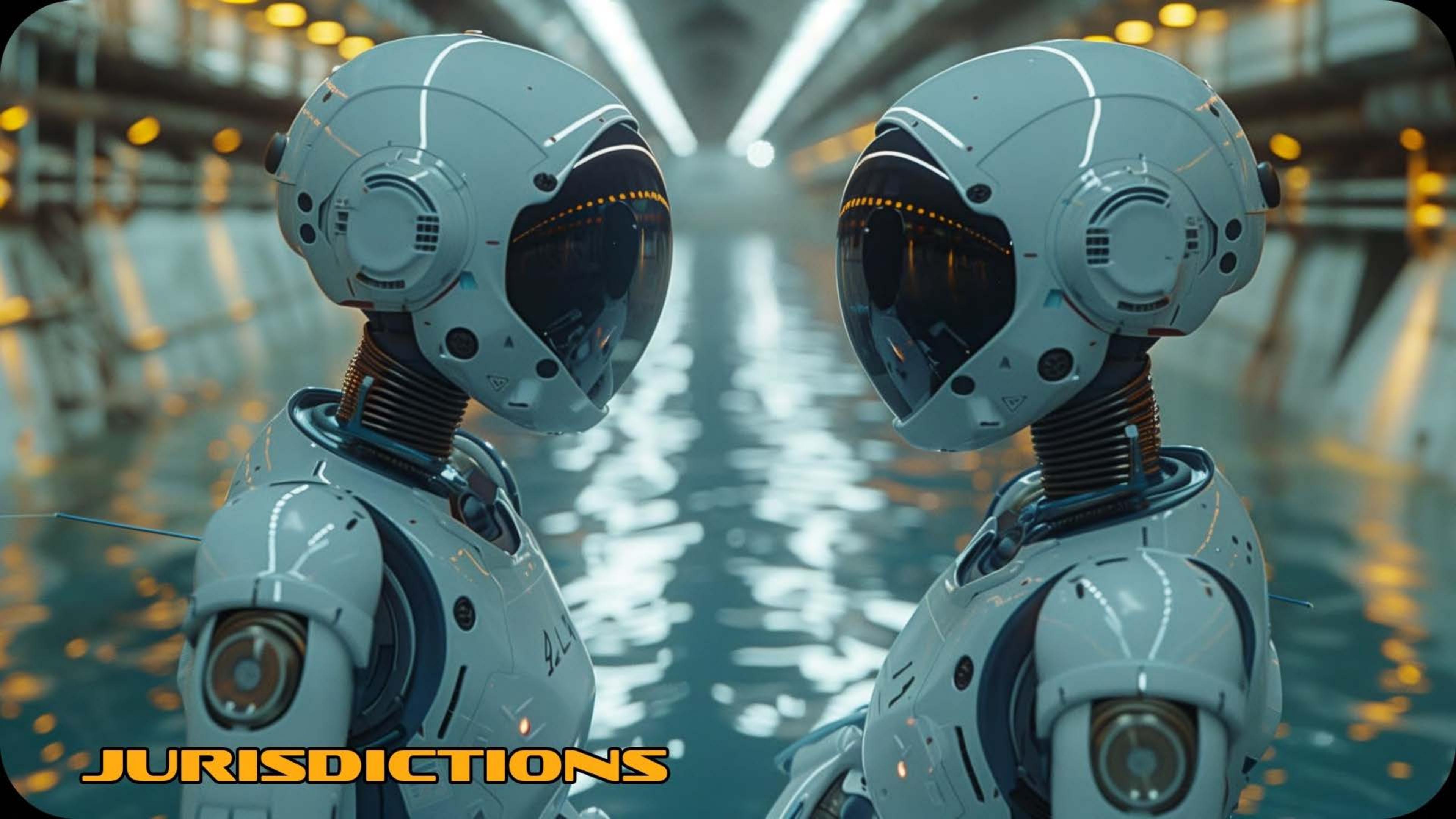
"Cari"

who is accused of an offense or violation based on the following document filed with the court:

- Indictment Superseding Indictment Information Superseding Information Complaint
 Probation Violation Petition Supervised Release Violation Petition Violation Notice Order of the Court





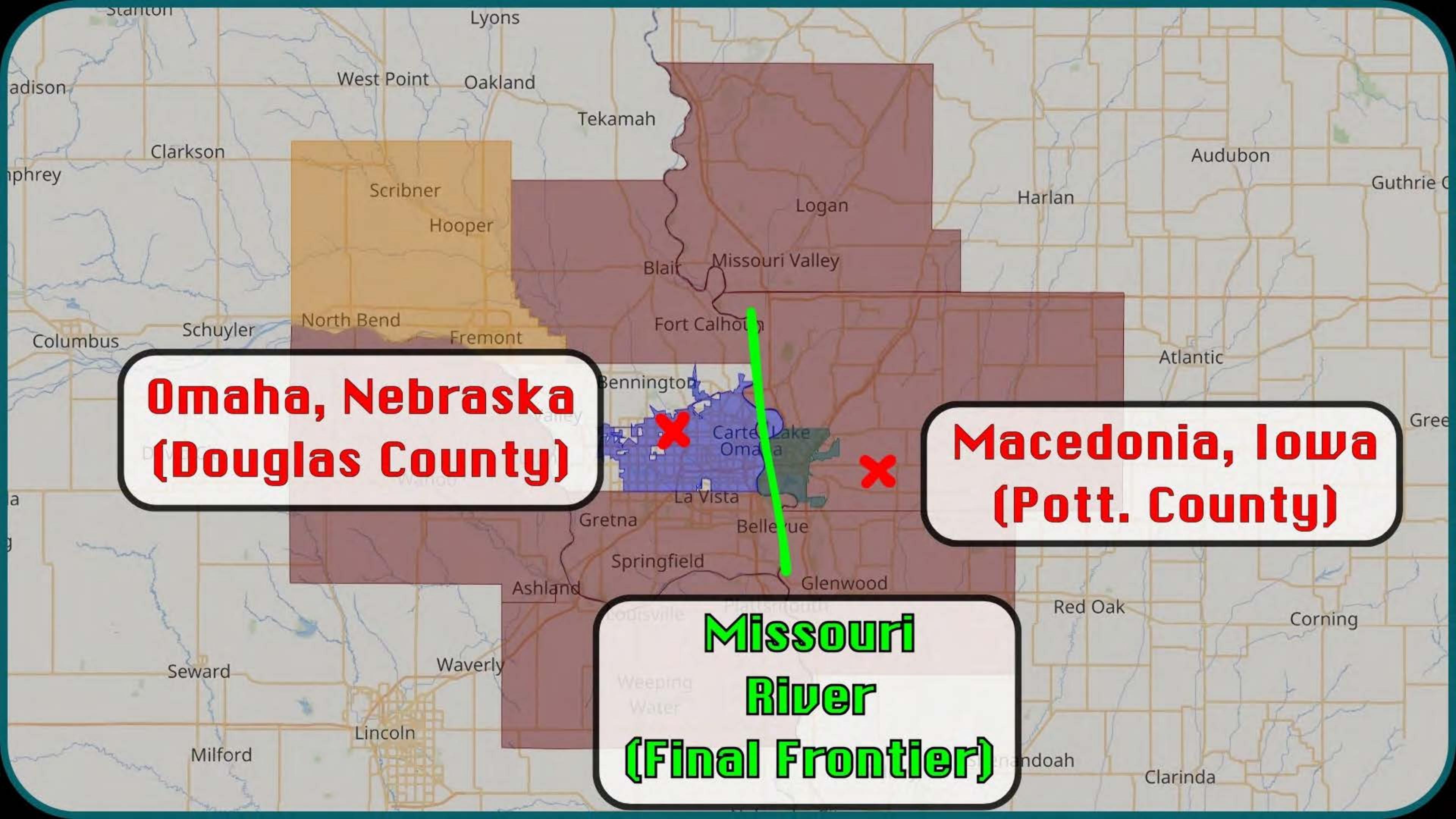


JURISDICTIONS

**Omaha, Nebraska
(Douglas County)**

**Macedonia, Iowa
(Pott. County)**

**Missouri
River
(Final Frontier)**





THE CASE GOES COLD

James T. Doty
Investigator



Ryan Avis
Corporal-Investigator



Anthony Kava
Special Deputy (Nerd)



REVISITED: 2015-04

whoami[4]



Anthony Kava [karver]

<https://forensic.coffee>

onlyspams[at]forensic.coffee





CURRICULUM VITAE

2001-2003:

[REDACTED] Telco / ISP



2003-2017:

County .GOV IT Drone (Assorted)

2009-2036?

DF, Cyber Investigations, ICAC TF

2017-2036?

Sheriff's Resident Geek



**"For career day this kid dressed-up
as a 15-year detective with two
divorces and a drinking problem."**

CURRICULUM VITAE (CONT'D)



CURRICULUM VITAE (CONT'D)



Defence Attorney:

Dep. Kava, you're an
expert in pornography...



CURRICULUM VITAE (CONT'D)



Case 1:16-cr-00015-SMR-HCA Document 77 Filed 06/14/17 Page 86 of 187

198

1 A. If you go into add-ons and search for Video Download Helper
2 or video download and then pick it out of the store and download
3 it, then you take those steps, sure.
4 Q. Okay. Then you are going to get it and then it is going to
5 automatically download a copy into that folder?
6 A. No, sir, it is not automatic. You have to tell it you want
7 to download the video.
8 Q. When the user downloads a video, does the video go somewhere
9 else too? Is it copied to somewhere else?
10 A. Do you mean is it cached?
11 Q. Never mind that line of questioning. Let me ask you a few
12 different questions. You notice the individual in 2M appears to
13 be wearing a bra?
14 A. Yes, I did notice that, sir.
15 Q. Is that what would typically be known as a [REDACTED]?
16 A. I don't know that wearing a bra is the only -- again, I
17 can't testify to that. I am a visual forensics expert, not an
18 expert on human sexuality.
19 Q. Well, you have some expertise in pornography though and --
20 A. Thank you.
21 Q. Is that right?
22 A. I have seen -- I have seen a lot of pornographic videos, a
23 lot of images. I have seen videos that -- that are labeled
24 [REDACTED], sure.
25 Q. All right. And it's not -- [REDACTED] is a fairly common term

LKSAT
SKY TALKER
BITSKE

App
Sec
Village



DEF CON
402

LKSAT
SKY TALKER
BITSKE

App
Sec
Village



DEF CON
402

LKSAT
SKY TALKER
BITSKE



DEF CON
402





BACK TO THE CASE FILE

notmail.com.kava.mbox
@outlook.com.kava.mbox (19)
MF_201...2015.12.23.172683.mbox
il.com.Gmail.Content.mbox
5@gmail...m.Gmail.Content.mbox
gmail.com.Gmail.Content.mbox
mail.com_YMF.mbox
il.com.Gmail.Content.mbox
il.com.Gmail.Content.mbox
@gmail.com.Gmail.Content.mbox
@gmail.co...il.Content.mbox (61)
mail.com.Gmail.Content.mbox
VMF_2012...015.12.23.172684.mbox
gmail.co...il.Content.mbox (453)
sk.com.kava.mbox
ail.com.kava.mbox
_2012.1...3.172698.mbox (4416)
@gmail...ail.Content.mbox (39)
l.com.G...l.Content.mbox (1099)
MF_201...3.172700.mbox (2978)
ail.com....l.Content.mbox (1497)
_2012.1...-2016.02.04.mbox (86)
ail.com....Content.mbox (1019)
ail.com.Gmail.Content.mbox
gmail.co...l.Content.mbox (2095)
n@gmail...il.Content.mbox (177)
om.Gmail.Content.mbox (893)
l.com.Gmail.Content.mbox
Content.mbox
.com.Gmail.Content.mbox
ail.com.G....Content.mbox (1141)
ail.com.G...il.Content.mbox (63)
mail.com...il.Content.mbox (60)
mail.com.kava.mbox (3190)
mail.Content.mbox
gmail.com.Gmail.Content.mbox
MF_201...23.172681.mbox (551)
il.com.Gmail.Content.mbox
2012.10.0...015.12.23.172689.mbox
gmail.com....il.Content.mbox (76)

Subject: See what men think of you
From: Cari Kroupa
Date: 2014-01-31 00:47

Subject: Is it working
From: Cari Kroupa
Date: 2014-02-01 19:01

Subject: Everyone believes me
From: Cari Kroupa
Date: 2014-02-02 15:14

Subject: Look I'm getting her off
From: Cari Kroupa
Date: 2014-02-02 20:12

Subject: This is the guy
From: Cari Kroupa
Date: 2014-02-24 19:50

Subject: Problem with your site
From: Cari Kroupa
Date: 2014-02-25 06:52

Subject: Re:
From: Cari Kroupa
Date: 2014-11-04 21:18

Subject: Re:
From: Cari Kroupa
Date: 2014-11-04 21:58

Subject: Proof
From: Cari Kroupa
Date: 2014-11-14 14:41

Subject: More proof
From: Cari Kroupa
Date: 2014-11-14 14:59

Subject: Re: facebook
From: Cari Kroupa
Date: 2014-11-15 18:00

Subject: Re:
From: Cari Kroupa
Date: 2014-11-16 16:56

Subject: See
From: Cari Kroupa
Date: 2014-11-26 10:48

Subject: See he is on still
From: Cari Kroupa
Date: 2014-12-14 00:39

Subject: So you don't think I got it from your kids mom
From: Cari Kroupa
Date: 2014-12-24 14:32

Subject: See I now know Dave
From: Cari Kroupa
Date: 2014-12-25 10:22

Subject: See my present
From: Cari Kroupa
Date: 2014-12-25 10:53

From: [REDACTED]@gmail.com
Subject: See he is on still
To: Dave My Hubby Kroupa <[REDACTED]@gmail.com>, [REDACTED]@gmail.com

Reply Forward Junk

**12,000+
Fake
Emails**

iPod WiFi VPN 12:20 PM
Back [REDACTED] ▾

Send Message

1 attachment: image.png 320 KB

contains calendaring functionality by integrating the Lightning extension.

Learn more Disable

Unread: 2095 Total: 2095

forward

fast

>> TL;DR / SPOILERS AHEAD >>



SPOILER:





SPOILER: IT'S "LILITH"



2015-12-05



DAVE + AMY



UNDER CARS

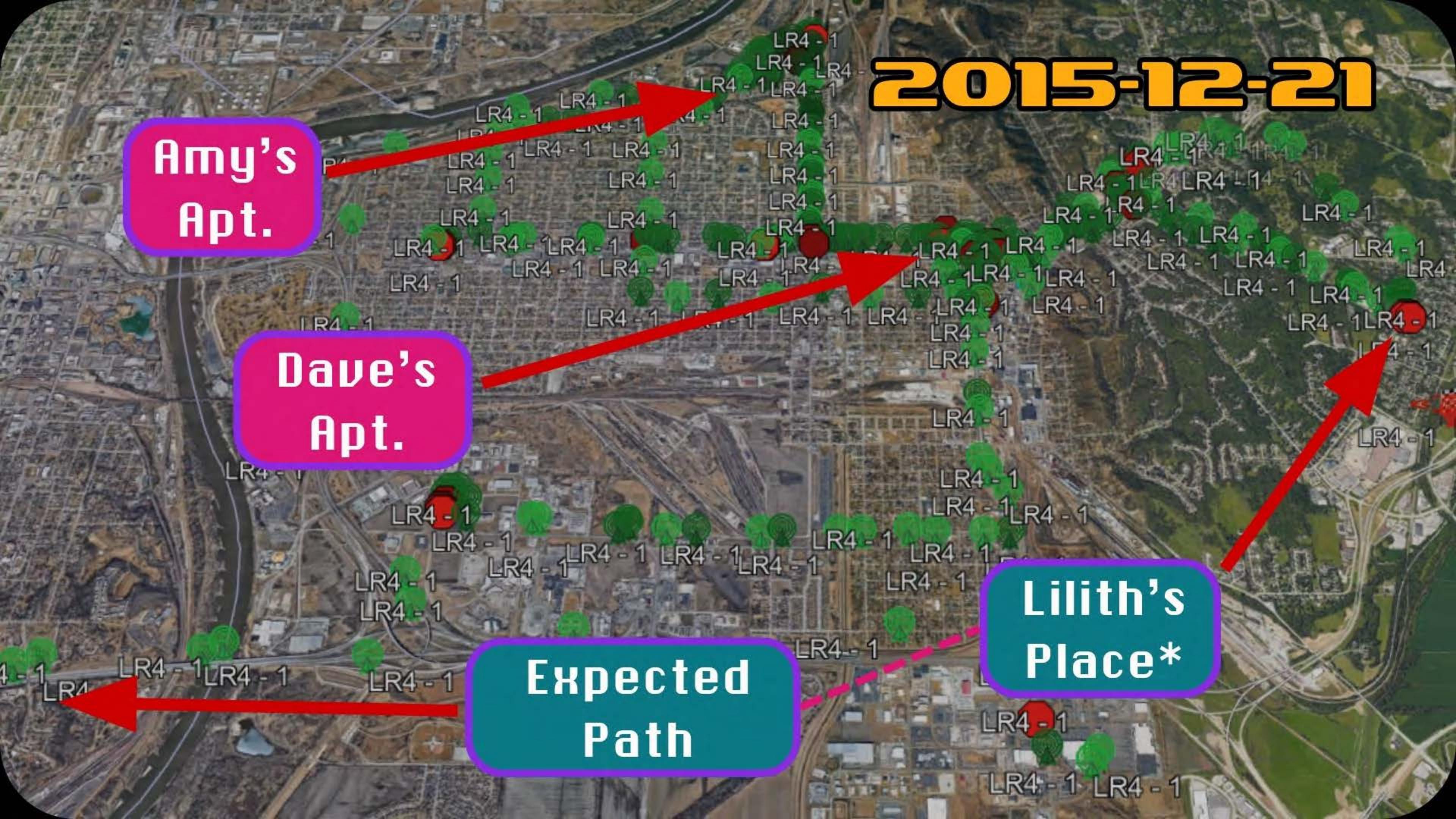
2015-12-21

**Amy's
Apt.**

**Dave's
Apt.**

**Expected
Path**

**Lilith's
Place***





Makes sense. Actually, you know, I'm gonna
be, I'm gonna be honest with you here.

[Narrator: He wasn't.]

From: “Amy”

To: Lilith

Date: 2015-12-17

**I shot you [Lilith] to make sue
Dave stayed away from you.**

From: “Amy”

To: Lilith

Date: 2015-12-20

**Just like your house getting
burned was me.**

From: “Amy”

To: Lilith

Date: 2015-12-20

**I attaked her with a knofe I
stabbed her...**

**IN THE DISTRICT COURT OF IOWA
IN AND FOR POTTAWATTAMIE COUNTY AT COUNCIL BLUFFS**

IN THE MATTER OF A CRIMINAL
INVESTIGATION

CASE NO. SWMG 155398

APPLICATION FOR SEARCH WARRANT

BEING DULY SWORN, I, Investigator Ryan Avis, of the Pottawattamie County Sheriff's Office,
the undersigned, say that at the place described as follows:

In Pottawattamie County, Iowa, there is now certain property, namely:

-Electronic devices including, but not limited to; Computers, Tablets, Cell Phones, mass media storage devices, USB thumb drives, digital camera(s), wireless router(s), cellular internet USB hotspot device(s), vehicular GPS devices, digital memory cards, and other electronic devices with the capability to, but not limited to, sending and/or receiving text, picture, video messages, emails, phone calls, message(s) within a downloaded application, capturing photos and/or videos, store electronic information, has internet access, has access to cellular service (including active subscription or past/deactivated service), location history, GPS history, IP address history



AWKWARD CUBICLES



MAIN ST
MUDGE ST

NO
PARKING
THIS
SIDE OF
STREET

WEIGHT
LIMIT
5
TONS

SHERIFF

911
SHERIFF





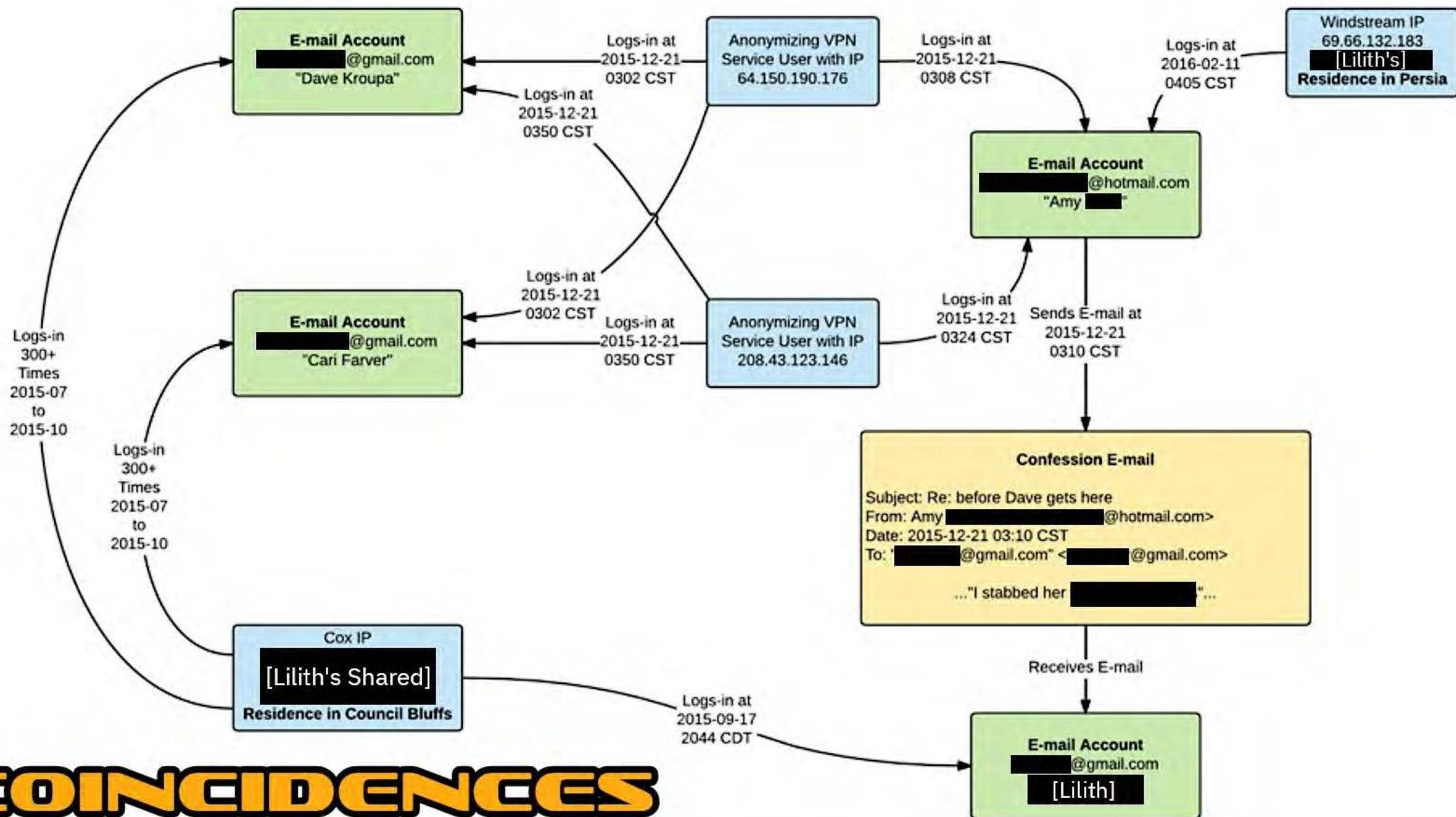
OMAHA MEETINGS

POWERFUL INSIGHTS INTO THE
BUSINESS SECRETS OF THE
PHAROAHS



BUSINESS SECRETS OF THE PHAROAHS

S12-021291: Confession E-mail 2015-12-21 0310 CST





DIGITAL OVERLOAD!

Amazon
AnchorFree VPN
Apple
Banks
CenturyLink
Cox Communications
eBay
Employers
Etsy
Facebook
Google
Hotspot Shield VPN
LetterMeLater.com
MeetMe
Microsoft
OkCupid
PayPal
Pinger
Pinterest
Schools
Sprint
SurfEasy VPN
Tattoo Parlor
Twitter
Valve
Verizon
Windstream
Yahoo

WARRANTS & SUBPOENAS

80+ GB

**LEGAL RESPONSES
(TEXTUAL)**

TEBABYTES
OF
PHYSICAL MEDIA



100,000+
EMAILS,IMS,
& TEXTS

500,000+
IP ADDRESS
RECORDS

Cold Case
Version 3.1



COLD CASE

Operating System



WHEN THE GOING GETS TOUGH...



```
open(my $fh,$path)) # -e $path
get fileId($dbh,$path);
$dbh->prepare('insert into iphit (file_id,line,ip,ipv6,context
l=$dbh->prepare('insert into datehit (file_id,line,date,cont
$dbh->prepare('insert into emailhit (file_id,line,email,
ate='';
mail='';
scontext=<$fh>
imp($context);
context=s/\t//g;
context=s/[^\x20-\x7e]//g;
length($context)>255 ? substr($context,0,255) : $context;
# tabs to spaces
# only printable
\d{1,3}\.\d{1,3}\.\d{1,3}/mg)
context if &testIp($ip);
context)\n";
```

"Perl is just hate mail to your future self."
- u/Zoltaroth

JAVA



PERL



JAVA

```
import java.util.regex.Pattern;
import java.util.regex.Matcher;
#include <crosstheiostream.h>

Pattern p = Pattern.compile("a(\d+)");
Matcher m = p.matcher("abc123");
Boolean didItEvenWork = m.matches();
cout << m.group() << endl << nullchar;

/*
have to compile? what is JIT even for?
60 years still no real world use for OOP
they have played us for absolute fools!
*/
```

PERL

```
# no includes, thanks, this is my job
$_='abc123';                      # we are nameless
print $1."\n" if /abc(\d+)/;

# "iNsTaNtiAtInG rEgEx oBjEcT"
# yo, dawg, I heard you like objects...
#
# wait, you're still going?

# wanna use float as a string? whatever
# everyone else has PCRE for a reason!
# quick tweak? just run it again, lol
```

```
$ sort -u < ips.txt # ???
```

Arbitrary
Input File

Specific or
Generic Parser

- Capture:
- Date/Times
 - Emails
 - IP Addresses
 - Context

Collect
OSINT

Accumulate
Known Data

DEX



MEDIA OVERLOAD

**Preview
Live**

**Use Protection
(Write Blocker)**

**Acquire
.E01 Image**

**Mount with
xmount**

Triage*:

- **strings -tx**
- **xz -9**
- **grep -f**
- **scalpel -p**

CASE STORAGE (+DEX)

```
MariaDB [dex]> SELECT ip_dotted, remarks, count(0) as hits FROM
vw_iphit_with_knownip GROUP BY ip ORDER BY count(0) DESC LIMIT 10;
+-----+-----+-----+
| ip_dotted | remarks | hits |
+-----+-----+-----+
| 174.71.x.x | TB PottCounty VPN 2013-03-14 - 2015-06-08 | 2345 |
| 174.71.x.y | TB PottCounty VPN 2015-06-12 - 2015-09-27 | 826 |
| 209.191.x.x | SurfEasy host=us.ipsec.surfeasy.mobi 2016-04-23 | 551 |
| 198.23.x.x | SurfEasy host=us.ipsec.surfeasy.mobi 2016-04-23 | 512 |
| 108.168.x.x | SurfEasy netblock 108.168.x.x/28 | 508 |
| 23.110.x.x | SurfEasy netblock 23.110.x.x/28 | 505 |
| 209.191.x.x | SurfEasy host=us.ipsec.surfeasy.mobi 2015-06-27 | 503 |
| 69.88.x.x | SurfEasy host=us.ipsec.surfeasy.mobi 2015-06-27 | 498 |
| 198.23.x.x | SurfEasy host=us.ipsec.surfeasy.mobi 2015-06-27 | 495 |
| 23.110.x.x | SurfEasy host=ipsec.surfeasy.mobi 2015-06-27 | 492 |
+-----+-----+-----+
```



r/masterhacker

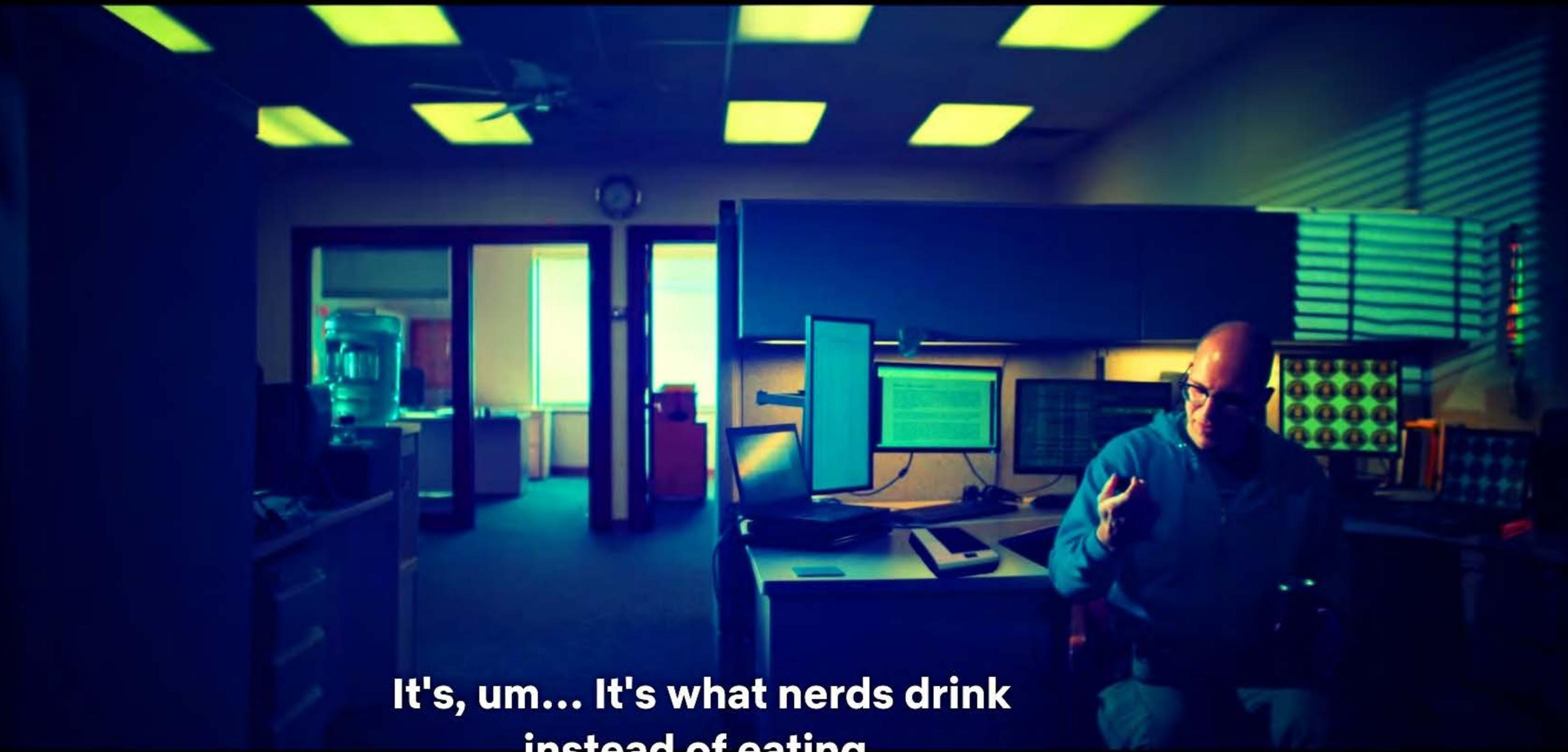
Lover stalker killer documentary - IT guy master hacker

IT guy says he traced an IP address to someone's house after writing a program that he asked questions like chatgpt.

Then shows the program that it's just doing sql queries.

While in front of a bunch of screens with green text flying around





**It's, um... It's what nerds drink
instead of eating.**

Expensive Commercial Tools (\$\$\$)

- Crash Like the Two-way Pager Market
- Don't Do Save Points (Zelda >= \$S/W\$)
- Liked 'em, Couldn't Trust 'em

DEX

- Let's You Reinvent Wheel (in Perl!)
- Resilient, Fast / Minimalist, Cheap!
- “I'm not a smart man, but I know what `grep(1)` is.” [and what it will do]



Your liver ran into a problem and needs to restart. We're just collecting some Incognito browser history, and then we'll restart for you.

42% complete



For more information about this issue and possible fixes, visit
<http://memepolice.lol/stopcode>

If you call a support animal, give them this info:
Stop code: LAND_TRACTS_TOO_LARGE



I'M TOO POOR TO STORE?



<https://github.com/anthonykava/zero.scalpel.fuse>

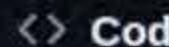
[anthonykava / zero.scalpel.fuse](#)

Public

Notifications

Fork 0

Star 0



Code



Issues



Pull requests



Actions



Projects



Security



Insights

master

1 Branch

0 Tags

Go to file

Code

About

anthonykava Added close() for image file (may be moot)

d3232ac · 6 years ago 13 Commits

LICENSE

Initial commit

6 years ago

README.md

Minor fix to example

6 years ago

zero.scalpel.fuse.pl

Added close() for image file (may be moot)

6 years ago

README MIT license

zero.scalpel.fuse.pl

FUSE driver in Perl for reading scalpel's audit.txt file and showing a file system that maps files it would have carved to a disk image -- this allows for zero-storage carving as you can browse and view files with only a 'scalpel -p' (preview, scalpel writes no files) -- tested under Ubuntu Linux 18.04

Useful for me anyway, maybe not for you, but if so then enjoy.

Perl FUSE driver for zero-storage file
carving using scalpel -p

linux fuse perl forensics
digital-forensics scalpel forensic-analysis
carving





<https://github.com/anthonykava/zero.scalpel.fuse>

[anthonkykava / zero.scalpel.fuse](#)

Public

Notifications

Fork 0

Star 0

Code

Issues

Pull requests

Actions

Projects

Security

Insights

master

1 Branch

0 Tags

Go to file

Code

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Minor fix to example

6 years ago

zero.scalpel.fuse.pl

Added close() for image file (may be moot)

6 years ago

README MIT license

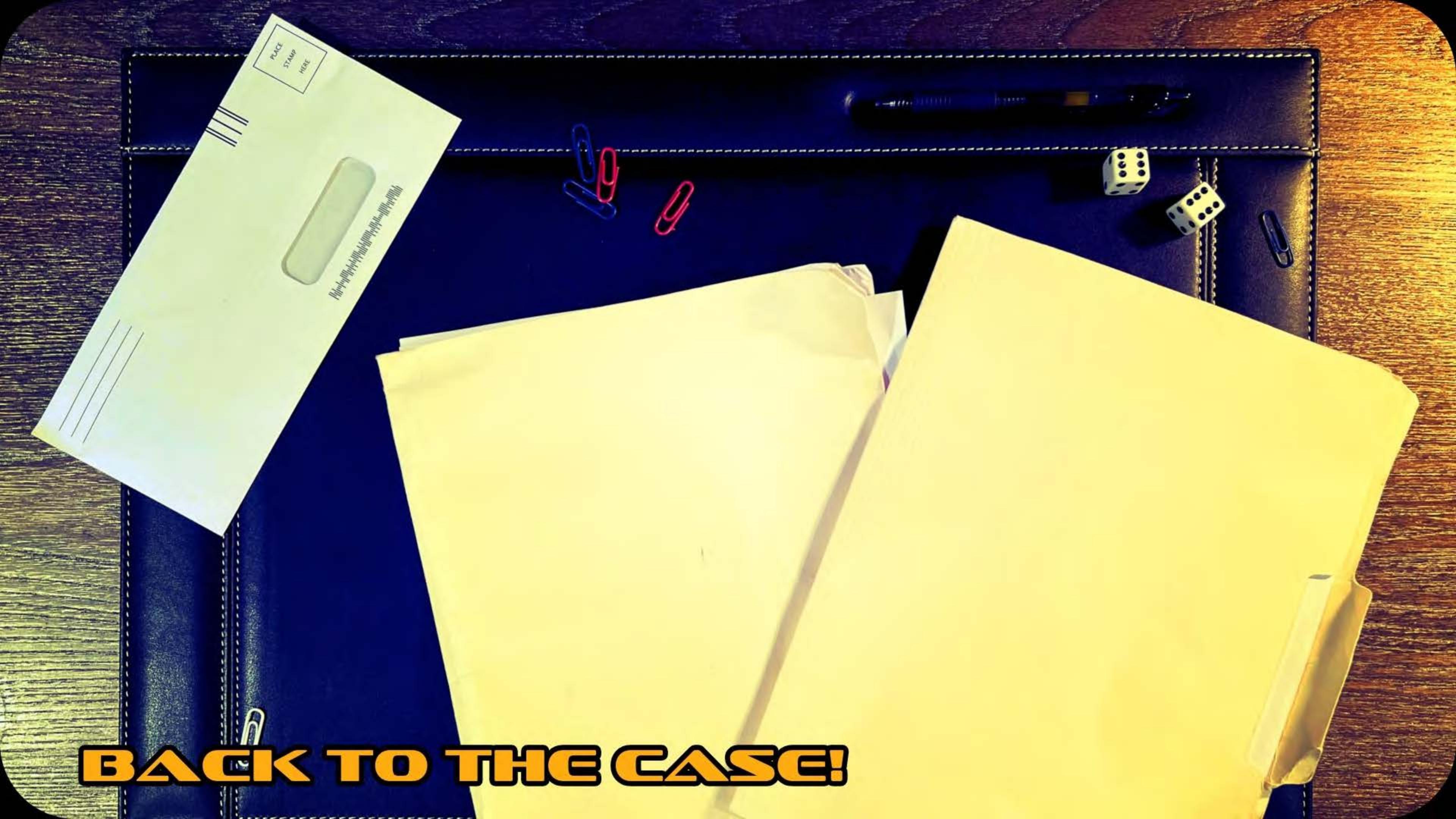
**YOUR CODE IS BAD, AND
YOU SHOULD FEEL BAD!**

zero.scalpel.fuse.pl

FUSE driver in Perl for reading scalpel's audit.txt file and showing a file system that maps files it would have carved to a disk image -- this allows for zero-storage carving as you can browse and view files with only a 'scalpel -p' (preview, scalpel writes no files) -- tested under Ubuntu Linux 18.04

Useful for me anyway, maybe not for you, but if so then enjoy.





PLACE
STAMP
HERE

BACK TO THE CASE!



I just kept yelling
“**ENHANCE!**”, and it
kept working!

TO THE KEYBOARD!



CIRF NIBRS Supplemental Report-S12-021291

**A LONG REPORT**

State of Nebraska

vs.

Lilith

Case No. CR17-140 /// FOR 709 & 750-755 (753)

REPRINT 2017-05-19

Case No. CR17-140 (2017-05-10)

(708)

1000 SLIDES OF JUSTICE



X GONNA GIVE IT TO YOU?

A close-up portrait of a man with dark hair and wrinkles, wearing a light-colored trench coat over a blue shirt and a patterned tie. He has a serious, slightly weary expression. In the background, there's a blurred cityscape with a red sign that partially reads "Just one more thing."

Just one
more thing.



2017-02-01

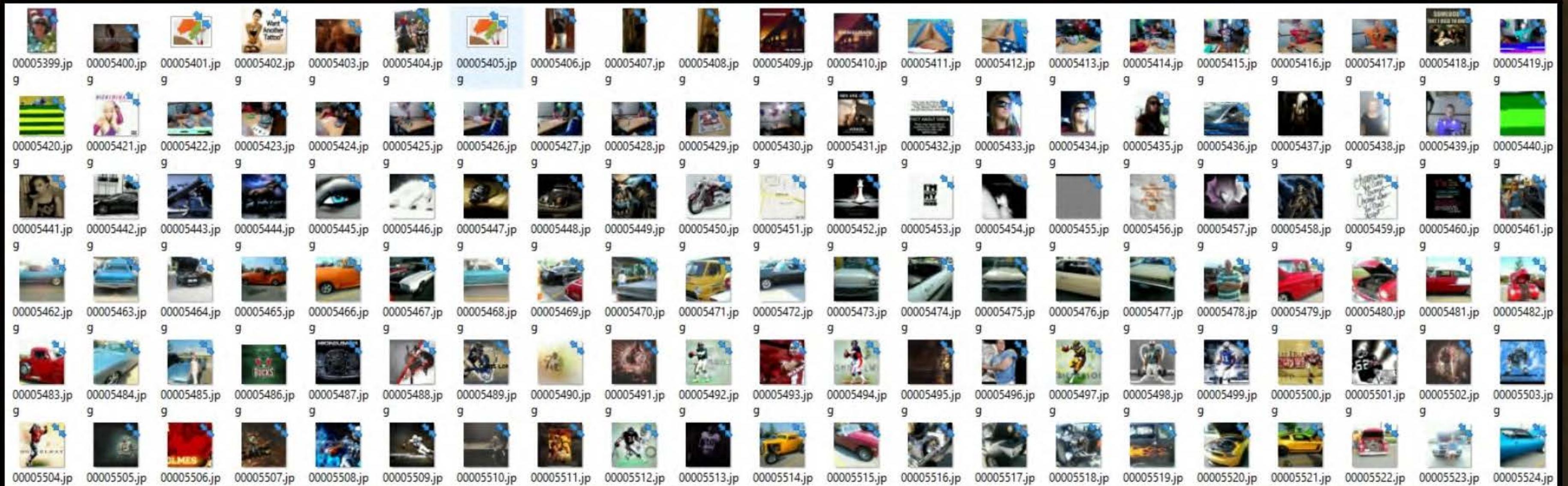
Just one

more thing





2017/02/06 17:28



**13,337 JPEGs (~400 hash-match 2013 phone dump),
plus our **best evidence** in this case.**

SanDisk
16GB C4
microSDHC



96x96

200x200

2017/02/06 17:28

1x
1080x1080
(3024x3024)



2/06 17:28

5x
1000x1000



02/06 17:28

10x
960x960



11/02/06 17:28



SanDisk
16GB C4 



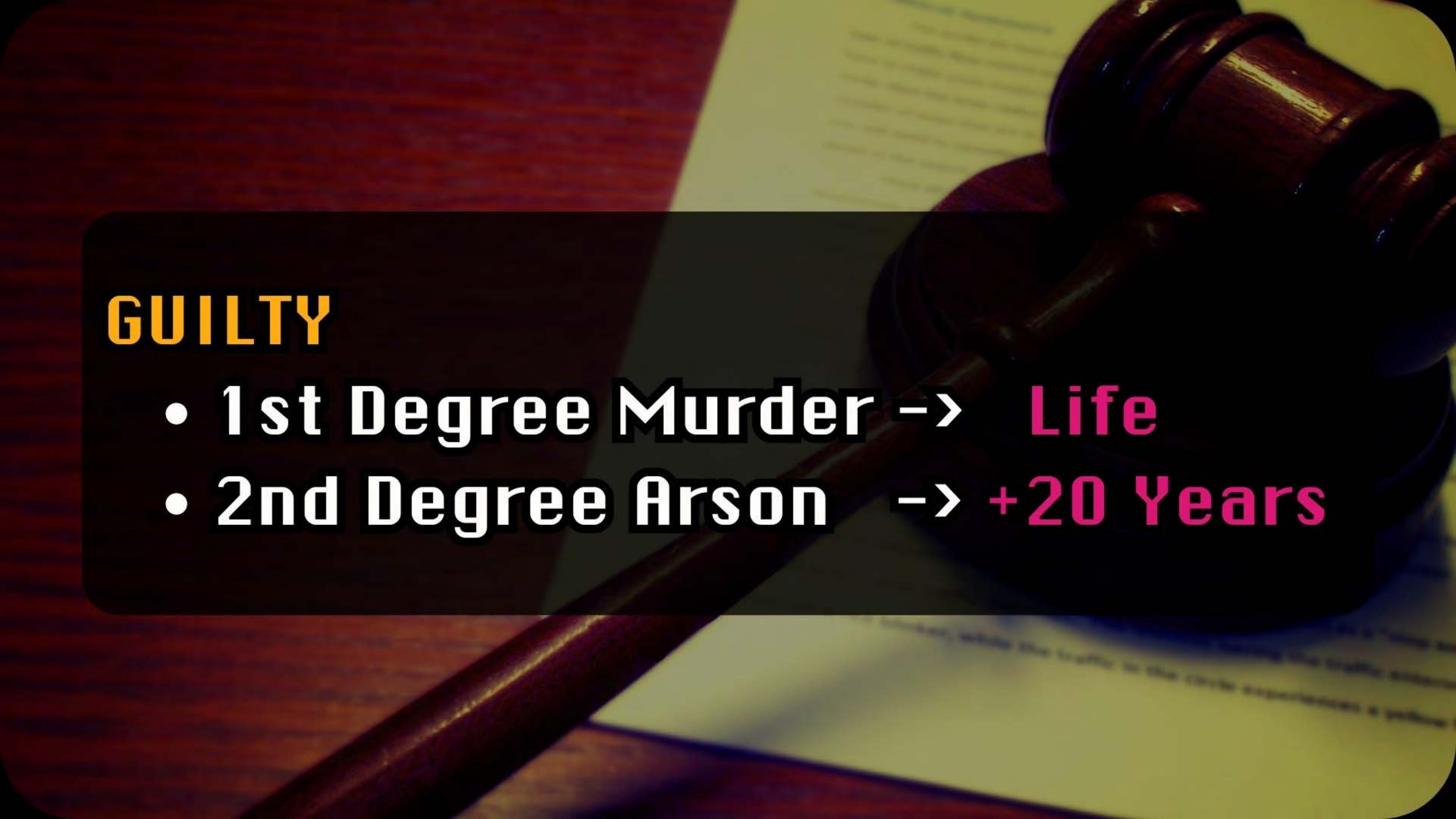
96x96

200x200

2017/02/06 17:28



WHERE WE WENT...

A close-up photograph of a dark wood gavel lying diagonally across a stack of yellowed, lined legal papers. The gavel's head is in the upper right, and its handle extends towards the lower left. The papers have faint blue horizontal lines and some handwritten text.

GUILTY

- 1st Degree Murder → Life
- 2nd Degree Arson → +20 Years



CARI FARVER (1974-2012)



The Cari Farver Memorial Scholarship

<https://farverscholarship.org>

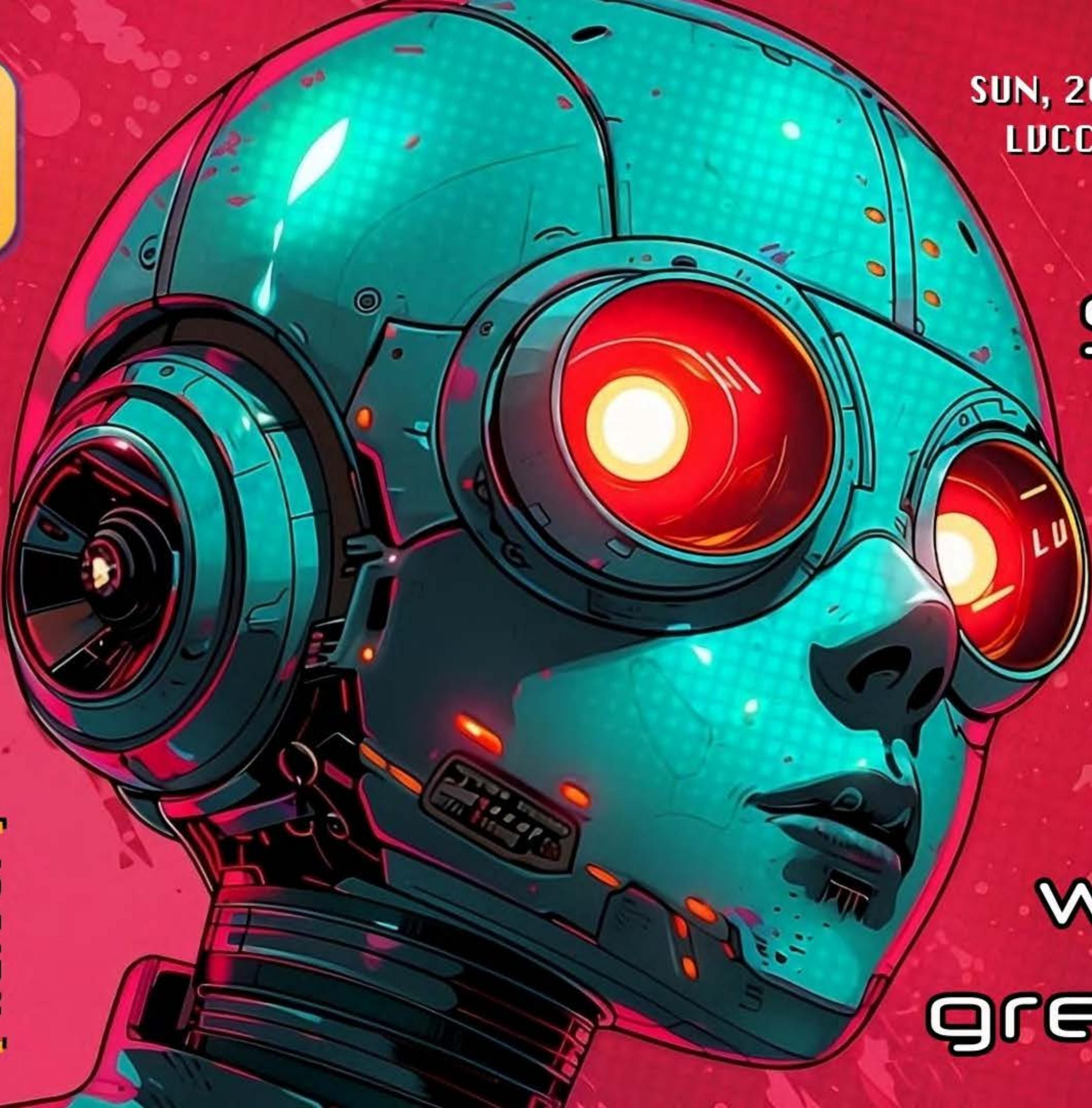




CARI FARVER (1974-2012)



<https://forensic.coffee>
Anthony Kava
[karver]



SUN, 2024-08-11 @ 1200T
LDCC - L3 - W322-W327
Warstories Track



Solving the
"Lover,
Stalker,
Killer"
Murder
with strings,
grep, and Perl

Media Sources:

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All AI graphics were generated by Midjourney with unique prompts by paid subscriber Anthony Kava.

#1, 4-5, 8-12, 19-25, 27-29, 35, 54, 56, 58, 61-63, 69-71, 74, 81, 93, 106, 110, 113-114, 116, 124, 129-132

ToS: <https://docs.midjourney.com/docs/terms-of-service>

#2: 16:9 Test Pattern, CC BY 3.0, Wikimedia User “Ldo” (2010), Wikimedia User “Glide08” (2021) (modified)

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Source: <https://commons.wikimedia.org/wiki/File:PM5644.svg>

#12, 59, 114: “Dr. Tobias Funke” (portrayed by David Cross II), “Insert Me Anywhere” viral marketing promotional chroma key image of character from Arrested Development, (c) Netflix 2013 (inserted), fair use intended by (1) using a minimal part, (2) following pattern of popular memes encouraged by owner, (3) using for educational purposes

Source: <http://insertmeanywhere.biz>

#18: Screen shot from Webamp, MIT, (c) 2015 Jordan Eldredge, Winamp (c) 2024 Winamp (modified)

License: <https://github.com/captbaritone/webamp/blob/master/LICENSE.txt>

Source: <https://webamp.org>

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Source: https://commons.wikimedia.org/wiki/File:Apollo_Jupiter_Pro_v9.1_Page_%28P2000%29.jpg

Media Sources (cont'd):

#39-41: Parody / Mock Commodore 64 screen shots, GPL-3, Foone Turing (heavily modified)

License: <https://github.com/foone/SierraDeathGenerator/blob/master/LICENSE.txt>

Source: <https://deathgenerator.com/>

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License: <https://creativecommons.org/publicdomain/zero/1.0/deed.en>

Source: https://commons.wikimedia.org/wiki/File:Microsoft_Windows_3.1_Jpn_box.jpg

#99: Photo of floppy disks, Pexels license, Photo by “S J” (modified)

License: <https://www.pexels.com/license/>

Source: <https://www.pexels.com/photo/assorted-floppy-disks-12093423/>

#125: Gavel image, CC BY 2.0, Brian Turner (<https://www.flickr.com/photos/steakpinball/>) (heavily modified)

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Source: https://commons.wikimedia.org/wiki/File:My_Trusty_Gavel.jpg

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Software and Other References:

#94-96: Perl (Perl5) -- Copyright (c) Larry Wall and others

Link <https://www.perl.org/>

#100, 104: strings, grep -- Copyright (c) Free Software Foundation, Inc.

Link: <https://www.gnu.org/software/grep/>

Link: <https://www.gnu.org/software/binutils/>

#100: xz -- Copyright (c) The XZ Utils authors and contributors

Link: <https://tukaani.org/xz/>

#100: scalpel -- Copyright (c) Golden and Vico (?? LICENSE.txt didn't have names in it as of 2024-08-10)

Link: <https://github.com/sleuthkit/scalpel>

#100: xmount -- Copyright (c) Gillen Daniel and/or (c) SITS Sarl

Link: <https://pinguin.lu/xmount>

Link: <https://www.sits.lu/xmount>

#101: MariaDB -- Copyright (c) MariaDB Foundation

Link: <http://www.mariadb.org/>

#102: Reddit r/masterhacker post entitled, "Lover stalker killer documentary - IT guy master hacker"

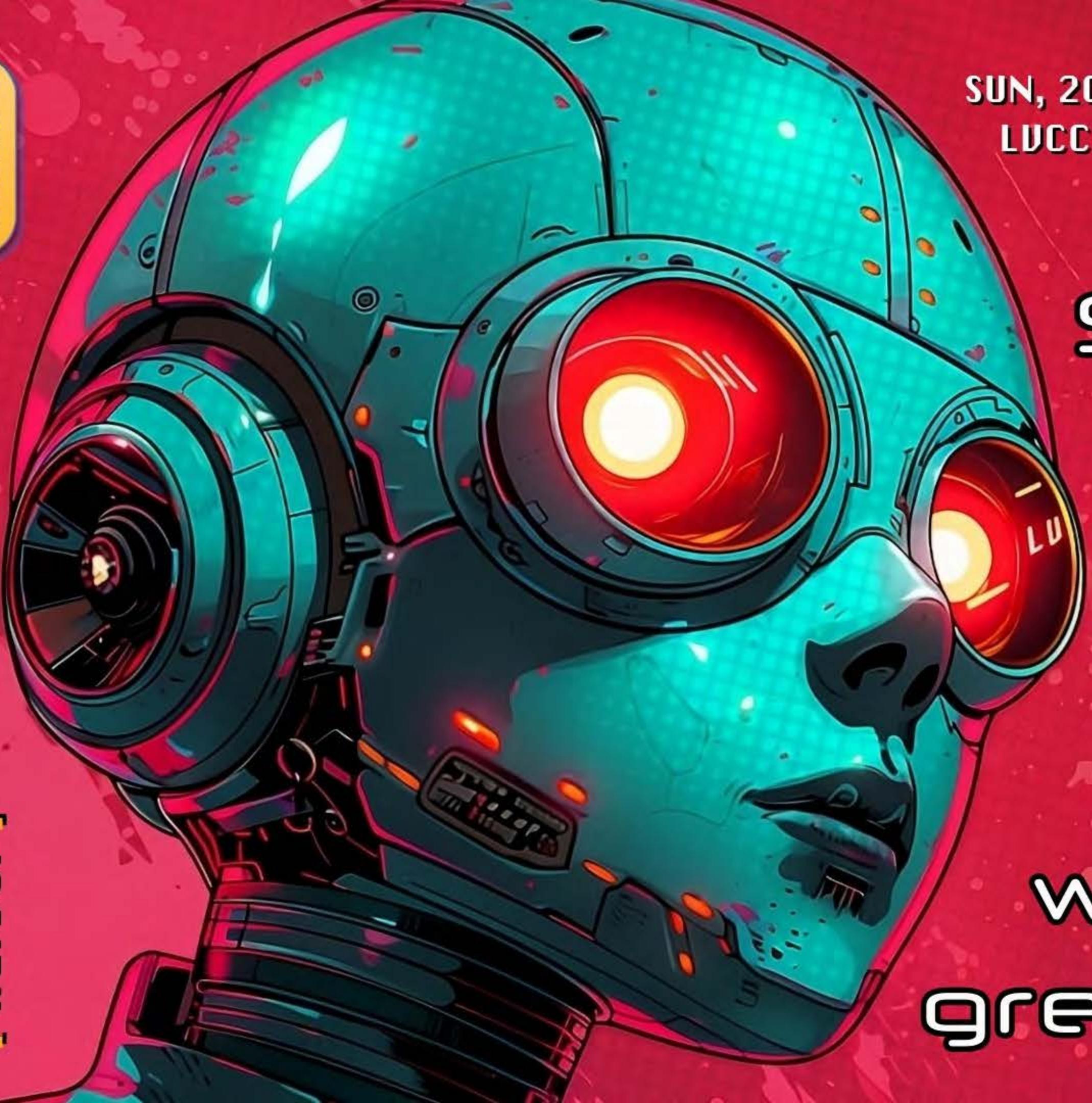
Link: https://www.reddit.com/r/masterhacker/comments/1aqduer/lover_stalker_killer_documentary_it_guy_master/

Looking for a good Y2K time? Modern Action Quake 2: free, cross-platform, beautiful: <https://q2online.net/action>

THANKS SO MUCH, DEF CON, DC32 ATTENDEES, DC32 NON-ATTENDEES, MEDIA.DEFCON.ORG LEECHERS, & YOUTUBE WATCHERS !!!!

GREETZ TO DC402 AND KERNELCON, SKYTALKS 303, APPSEC VILLAGE, RECON VILLAGE, AND LARRY WALL.

<https://forensic.coffee>
Anthony Kava
[Karver]



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