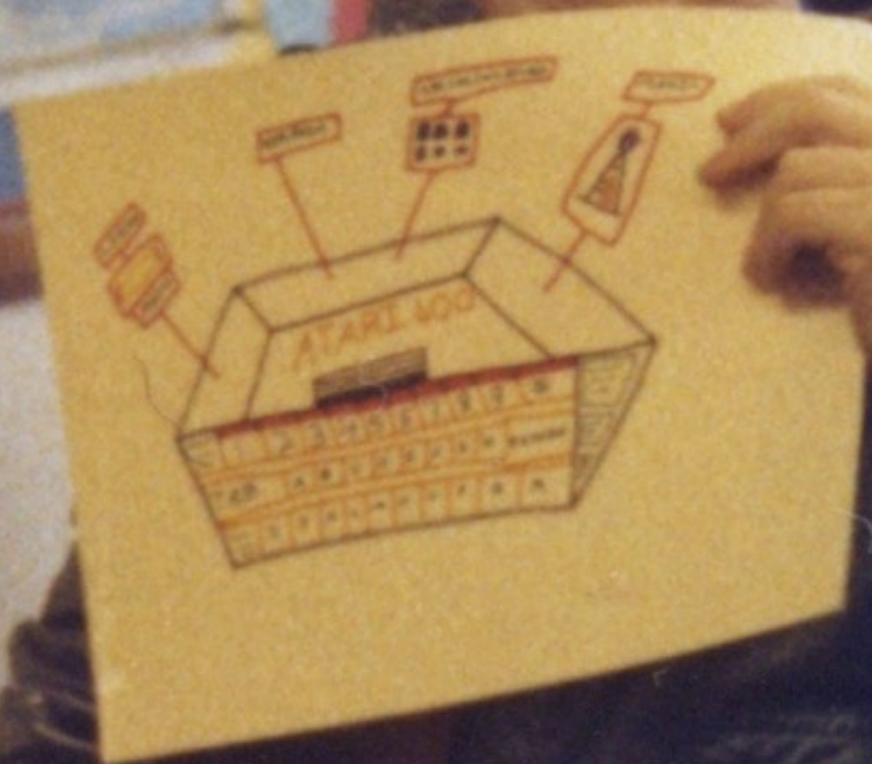


# The Hacker in All of Us



Joe Grand aka Kingpin





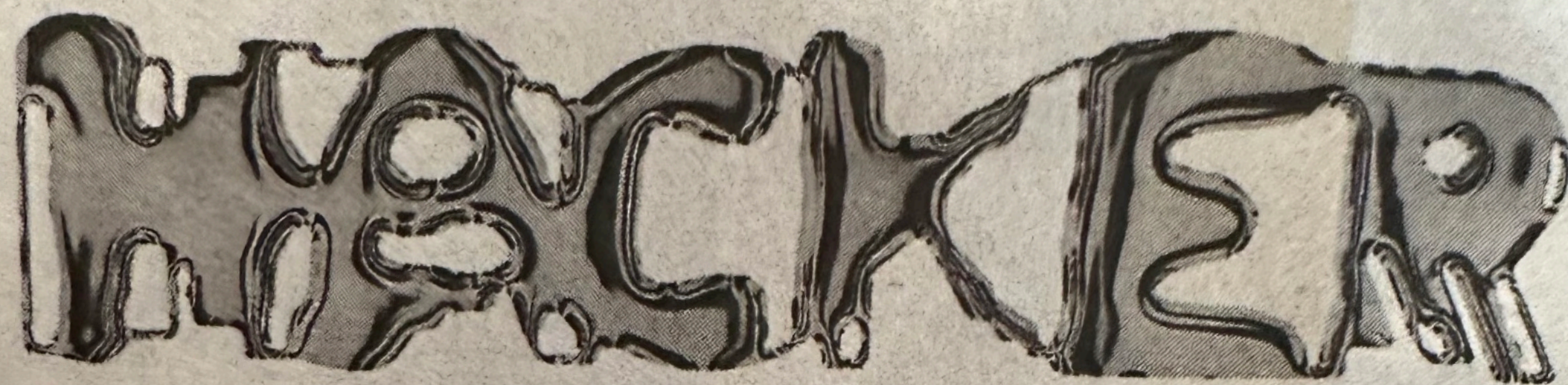






## Word Through The Times

Tracing How One Word Has Changed Throughout Our Report



STEWART ARMSTRONG

On Sept. 14, 1998, the reporter Amy Harmon covered a disturbance at her workplace: “A group calling for the release of Kevin Mitnick, the imprisoned computer criminal, commandeered The New York Times site,” she wrote. It was “the first time that hackers have penetrated the Web site of a major news organization.” (The website was secured later that day.)

The origin of the word “hacking” as it relates to interfering with a computer is often traced to M.I.T. in the mid-1950s. As the legend goes, students used the term to refer to pranks that involved meddling with technology. According to the minutes from a meeting of the school’s Tech Model Railroad Club in 1955, a student requested that anyone “hacking on the electrical system turn the power off to avoid fuse blowing.”

But “hack” has a less thrilling origin story. According to Webster’s New World Dictionary, “hack,” when used as a verb, means “to give harsh, dry coughs” or “to make rough or irregular cuts.” In 1964, a Times article described one sculptor as “a real lively hacker of stone.”

Today, “hackers” generally have a bad reputation. (The Times’s stylebook notes that a hacker “originally referred to any

skilled manipulator of software. It now connotes mischievous, malicious or illegal manipulation.”) But some can see the benefit of so-called white-hat hacking. In 2017, the technology writer Kevin Roose pondered in a column: “What if the problem we face is not too many bad hackers, but too few good ones?”

Both schools of thought may have merit. In July, The Times covered a cyberattack: “Chinese hackers intent on collecting intelligence on the United States gained access to government email accounts,” The Times reported. Last month, Times journalists covering the Defcon hacker conference in Las Vegas reported on a group of hackers who were testing vulnerabilities in artificial intelligence programs “before actual criminals” could find them.

Another usage of the term allows us to “hack” our way to a better lifestyle.

In 2019, the Opinion columnist Farhad Manjoo composed a column by speaking into a voice recorder and sending the files through a digital word processor. On the potential of a screenless internet, Manjoo said: “There is something more interesting here than a newspaper columnist’s life hack.” SARAH DIAMOND



## Secrets of the Little Blue Box

by Ron Rosenbaum

*A story so incredible it may even make you feel sorry for the phone company*



Actual size

### The Blue Box Is Introduced: Its Qualities Are Remarkable

I am in the expensively furnished living room of Al Gilbertson\*, the creator of the "blue box." Gilbertson is holding one of his shiny black-and-silver "blue boxes" comfortably in the palm of his hand, pointing out the thirteen little red push buttons sticking up from the console. He is dancing his fingers over the buttons, tapping out discordant beeping electronic jingles. He is trying to explain to me how his little blue box does nothing less than place the entire telephone system of the world, satellites, cables and all, at the service of the blue-box operator, free of charge.

"That's what it does. Essentially it gives you the power of a super operator. You seize a tandem with this top button," he presses the top button with his index finger and the blue box emits a high-pitched cheep, "and like that"—cheep goes the blue box again—"you control the phone company's long-distance switching systems from your cute little Princess phone or any old pay phone. And you've got anonymity. An operator has to operate from a definite location: the phone company knows where she is and what she's doing. But with your beeper box, once you hop onto a trunk, say from a Holiday Inn 800 [toll-free] number, they don't know where you are, or where you're coming from, they don't know how you slipped into their lines and popped up in that 800 number. They don't even know anything illegal is going on. And you can obscure your origins through as many levels as you like. You can call next door by way of White Plains, then over to Liverpool by cable, and then back here by satellite. You can call yourself from one pay phone all the way around the world to a pay phone next to you. And you get your dime back too."

"And they can't trace the calls? They can't charge you?"

"Not if you do it the right way. But you'll find that the free-call thing isn't really as exciting at first as the feeling of power you get from having one of these babies in your hand. I've watched people when they first get hold of one of these things and start using it, and discover they can make connections, set up crisscross and zigzag switching patterns back and forth across the world. They hardly talk to the people they finally reach. They say hello and start thinking of what kind of call to make next. They go a little crazy." He looks down at the neat little package in his palm. His fingers are still dancing, tapping out beeper patterns.

"I think it's something to do with how small my models

\* His real name has been changed.

Photographed by Ronald Barnett

are. There are lots of blue boxes around, but mine are the smallest and most sophisticated electronically. I wish I could show you the prototype we made for our big syndicate order."

He sighs. "We had this order for a thousand beeper boxes from a syndicate front man in Las Vegas. They use them to place bets coast to coast, keep lines open for hours, all of which can get expensive if you have to pay. The deal was a thousand blue boxes for \$300 apiece. Before then we retailed them for \$1,500 apiece, but \$300,000 in one lump was hard to turn down. We had a manufacturing deal worked out in the Philippines. Everything ready to go. Anyway, the model I had ready for limited mass production was small enough to fit inside a flip-top Marlboro box. It had flush touch panels for a keyboard, rather than these unsightly buttons sticking out. Looked just like a tiny portable radio. In fact, I had designed it with a tiny transistor receiver to get one AM channel, so in case the law became suspicious the owner could switch on the radio part, start snapping his fingers, and no one could tell anything illegal was going on. I thought of everything for this model—I had it lined with a band of thermite which could be ignited by radio signal from a tiny button transmitter on your belt, so it could be burned to ashes instantly in case of a bust. It was beautiful. A beautiful little machine. You should have seen the faces on these syndicate guys when they came back after trying it out. They'd hold it in their palm like they never wanted to let it go, and they'd say, 'I can't believe it, I can't believe it.' You probably won't believe it until you try it."

### The Blue Box Is Tested: Certain Connections Are Made

About eleven o'clock two nights later Fraser Lucey has a blue box in the palm of his left hand and a phone in the palm of his right. He is standing inside a phone booth next to an isolated shut-down motel off Highway 1. I am standing outside the phone booth.

Fraser likes to show off his blue box for people. Until a few weeks ago when Pacific Telephone made a few arrests in his city, Fraser Lucey liked to bring his blue box\*\* to parties. It never failed: a few cheeps from his device and Fraser became the center of attention at the very hippest of gatherings, playing phone tricks and doing request numbers for hours. He began to take

\*\*This particular blue box, like most blue boxes, is not blue. Blue boxes have come to be called "blue boxes" either because the first blue box ever confiscated by phone-company security men happened to be blue, or to distinguish them from "black boxes." Black boxes are devices, usually a resistor in series, which, when attached to some phones, allow all incoming calls to be made without charge to one's caller.



# HACKERS

HEROES OF THE  
COMPUTER  
REVOLUTION

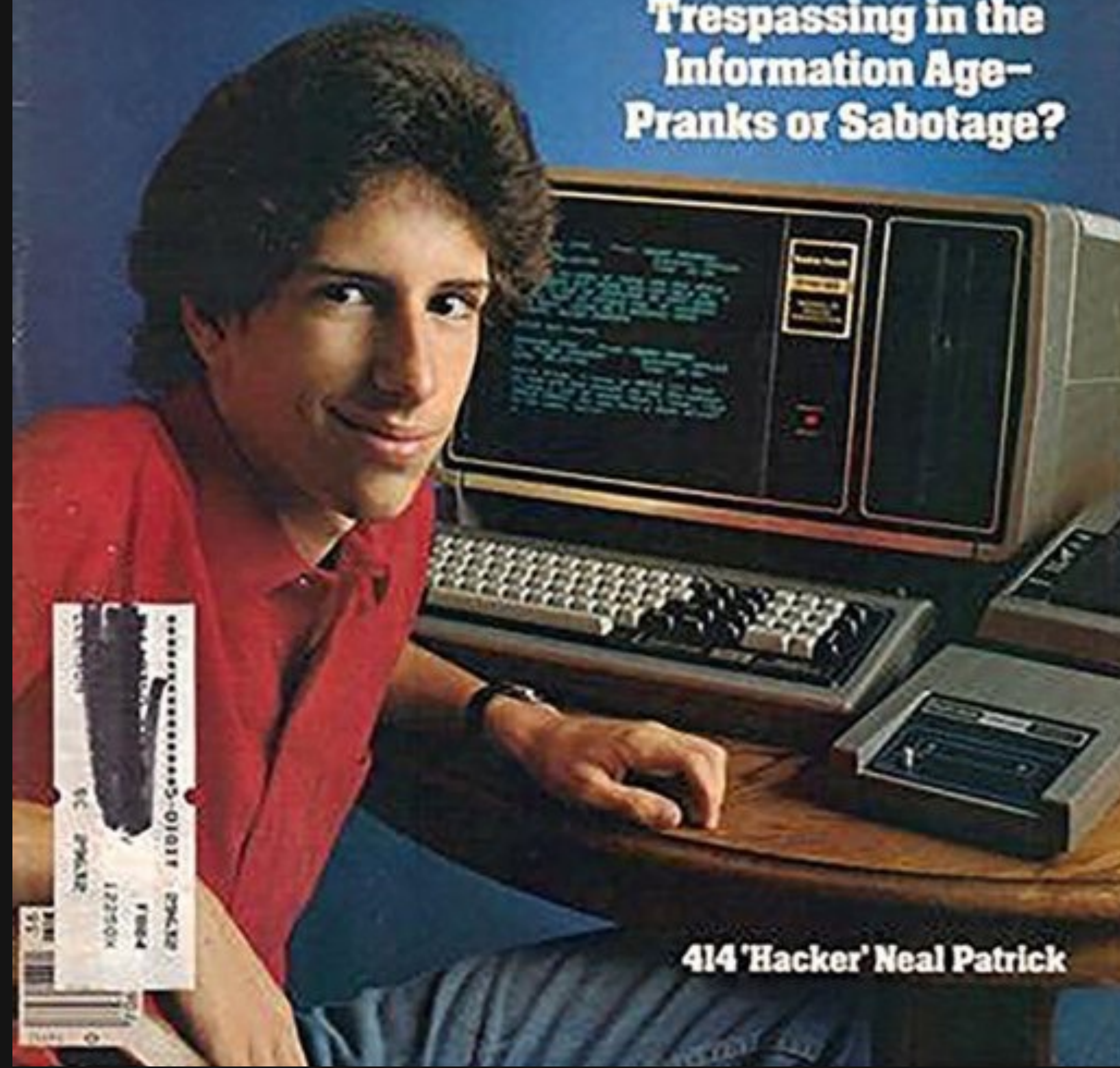
The story of the whiz kids whose irreverence,  
idealism, and sheer genius changed the world

STEVEN LEVY

Drugs and Olympic Athletes  
**Newsweek**

## Computer Capers

Trespassing in the  
Information Age—  
Pranks or Sabotage?



414 'Hacker' Neal Patrick





Metro Goldwyn Mayer



MARK











```
joegrand@Joes-MacBook-Pro ~ % cat 3.txt
==Phrack Inc.==
```

Volume One, Issue 7, Phile 3 of 10

-----  
The following was written shortly after my arrest...

\\The Conscience of a Hacker\\

by

+++The Mentor+++

Written on January 8, 1986

-----

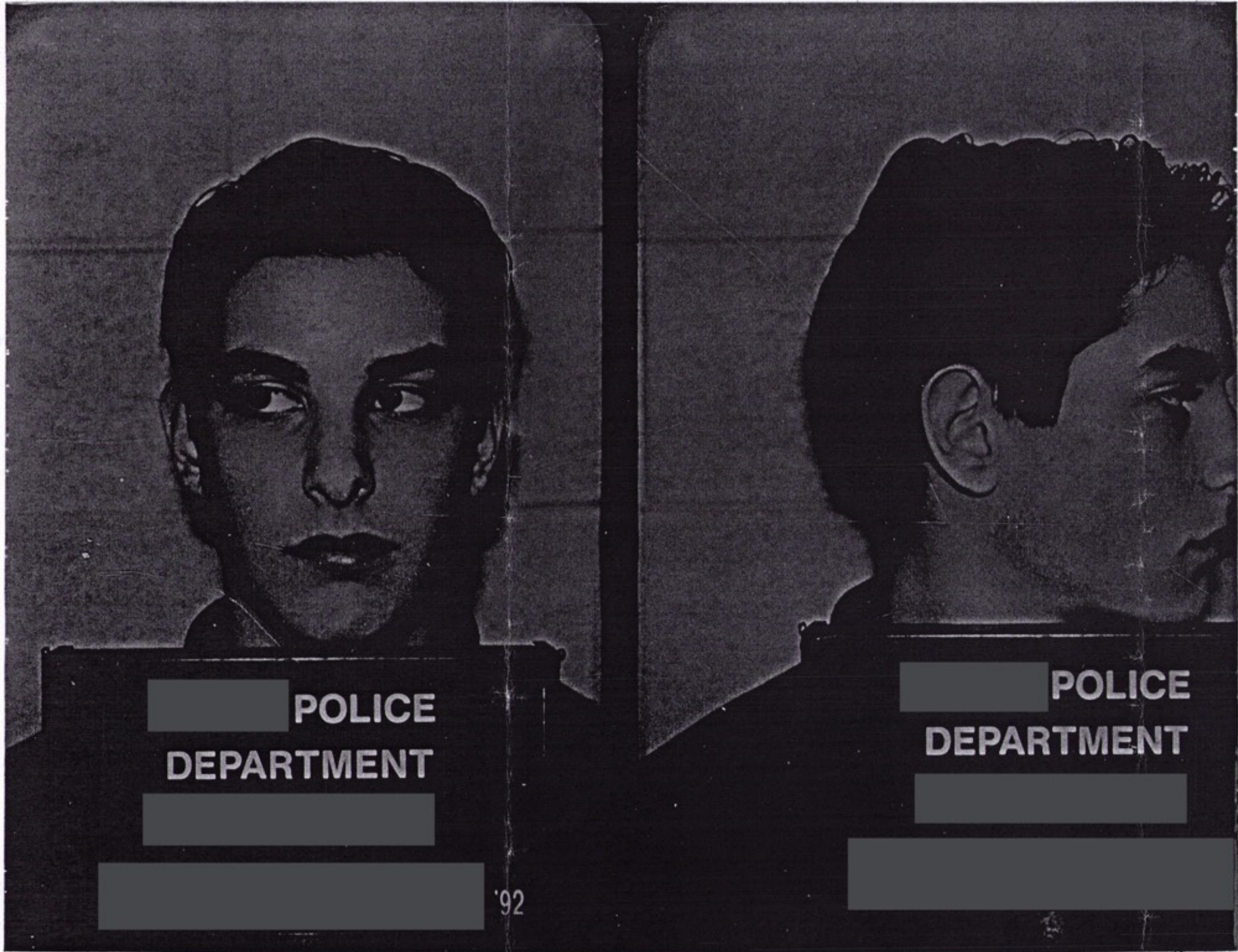
Another one got caught today, it's all over the papers. "Teenager Arrested in Computer Crime Scandal", "Hacker Arrested after Bank Tampering"... Damn kids. They're all alike.

But did you, in your three-piece psychology and 1950's technobrain, ever take a look behind the eyes of the hacker? Did you ever wonder what









[REDACTED] POLICE  
DEPARTMENT

[REDACTED]  
[REDACTED]

'92

[REDACTED] POLICE  
DEPARTMENT

[REDACTED]  
[REDACTED]





The 10pht is happy to announce the availability of the [Black Crawling Systems Archives CD](#) for \$25 + S&H.

This CD contains hard to find technical files and programs concerning subjects such as:

- cellular telephones, digital radio
- telephone systems, phreaking
- electronics projects/tools
- hacking, vulnerabilities, tools
- survival, patriot archives
- computer underground images and text files

[The L0pht Archives](#) offer hard to find files from the computer underground and beyond.



Internet [services](#) are available to enhance your privacy and information access.

[Projects](#) are always underway in our well equipped laboratories.



[Relax and hang](#) with the hackers.

[Stuff](#) from the 10pht that you can get your hands around.



[Cons](#) are as important as they are a good time.

Our security [advisories](#) are designed to inform you of current vulnerabilities.

Home of L0phtCrack Updated 08.29.97



[Mine](#) our site for the nuggets you desire.



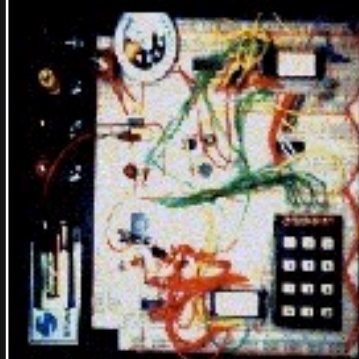
[Battlezone Repair Project](#) Arcade restoration is not as easy as it looks.



[Red Box Detection Circuit](#) As seen in [2600 Magazine](#)...



**SOLD OUT!** [POCSAG Pager Decoder](#) Decode pager transmissions easily with this hardware, a scanner radio, and a PC.



[Jolly Box](#) is a multi-frequency, programmable tone generator/signalling device similar to the Hacktic Demon-Dialer released a few years back in Amsterdam. The unit was planned to be released in kit-form, but redesign of the project has been put on hold. The link explains more.



[Cell-64](#) This unusual hardware is used with a Commodore 64 and a cellular phone. It is used for the testing of cellular phones. I was searching for information on this for quite a while, and finally picked up a complete system at a flea market!



kingpin@10pht.com

Last update occurred on 2/12/98 at 7:37pm

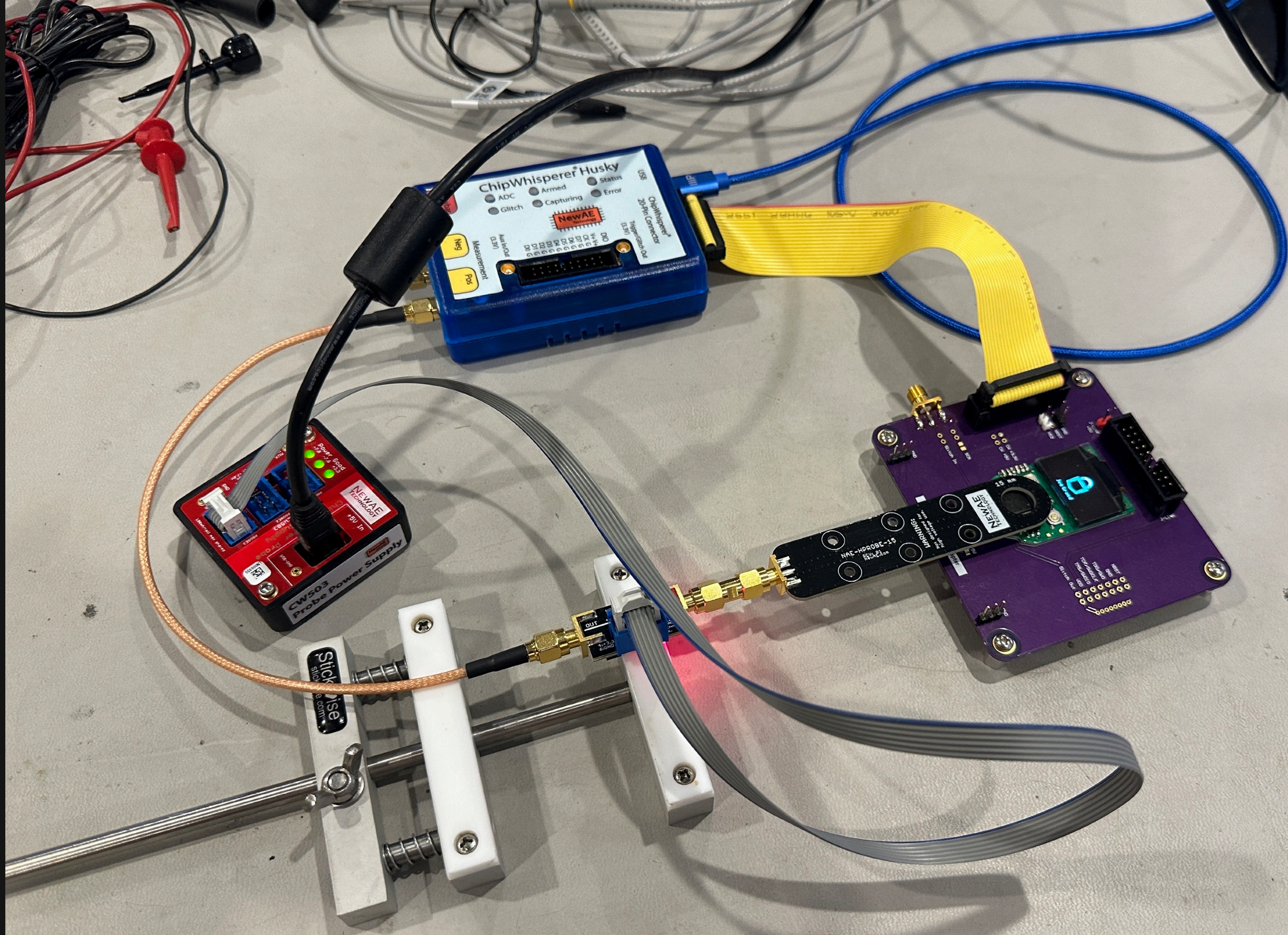






















M1003236-095M0717



US PAT 7466902

M1022771

R250

P56 242

M1024826

MARVELL W897-01 Z07ASUP

T400

M1022756 US PAT 7,488,902

KUS030202M-B000  
NAKE929W1 710  
SEC 707  
K90MGY8S0M 4000  
MAKC479N



2R2  
714  
CDX

560

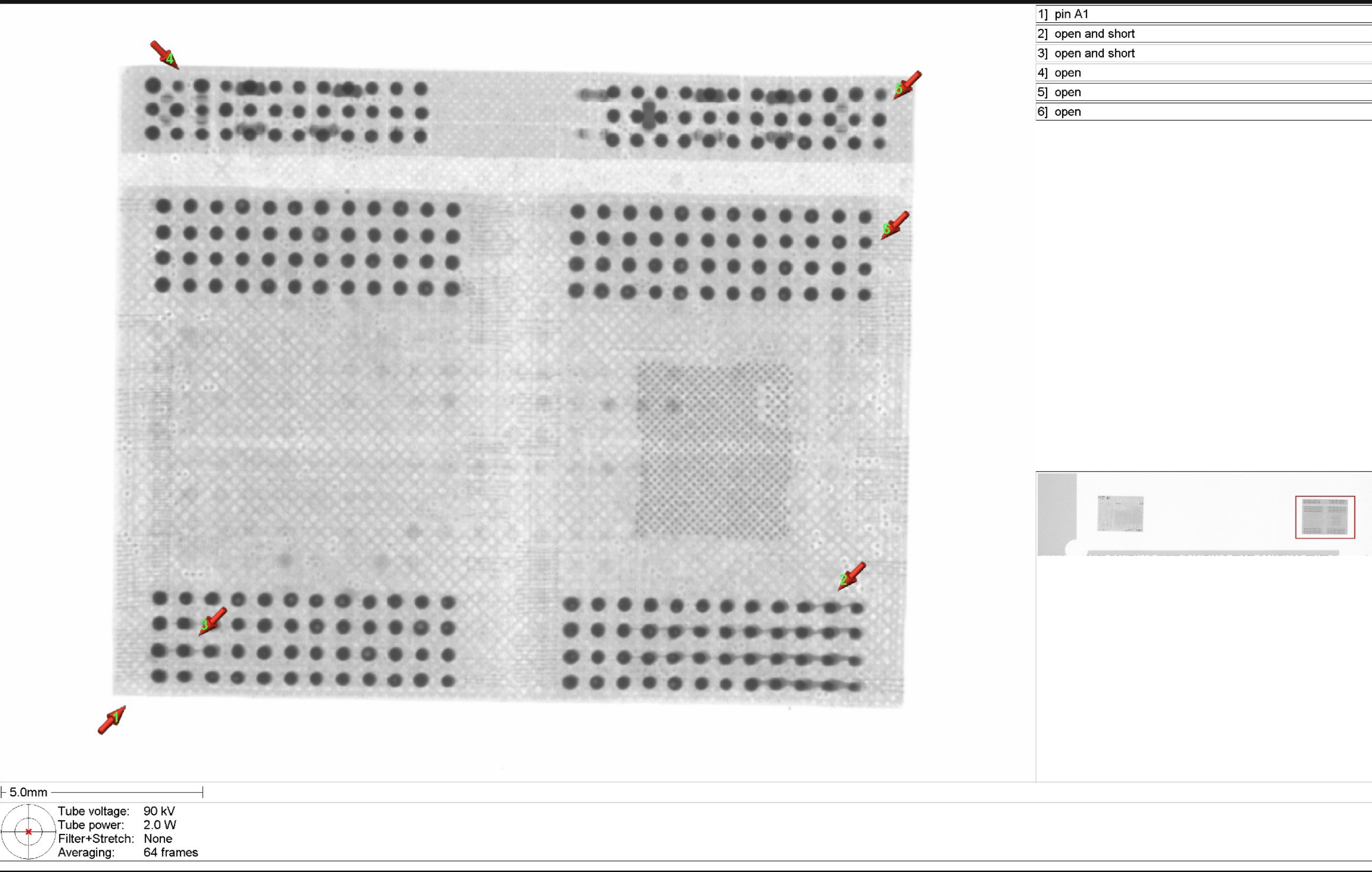
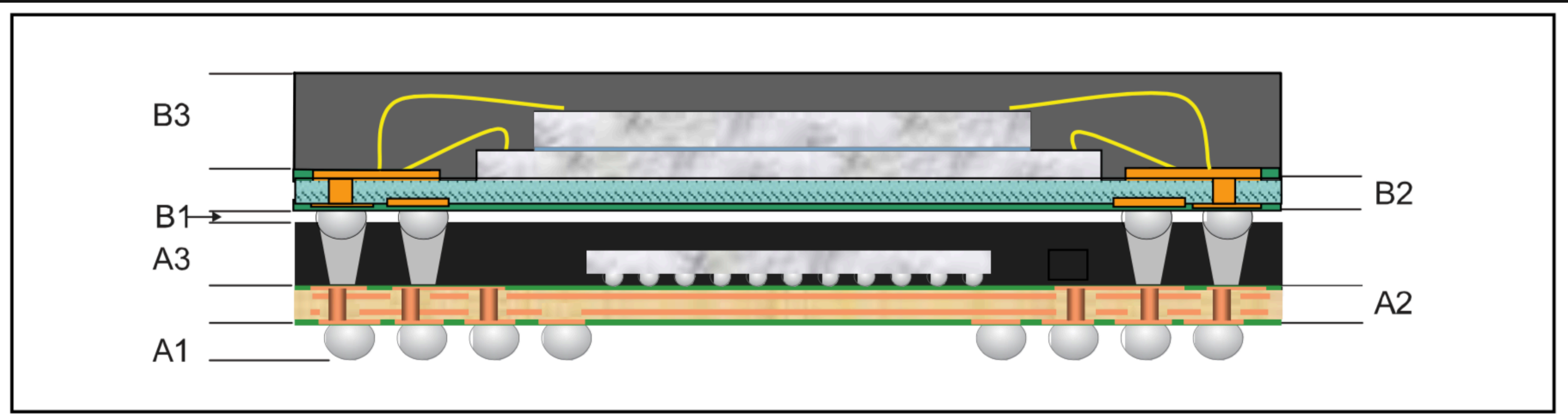
560

1R5

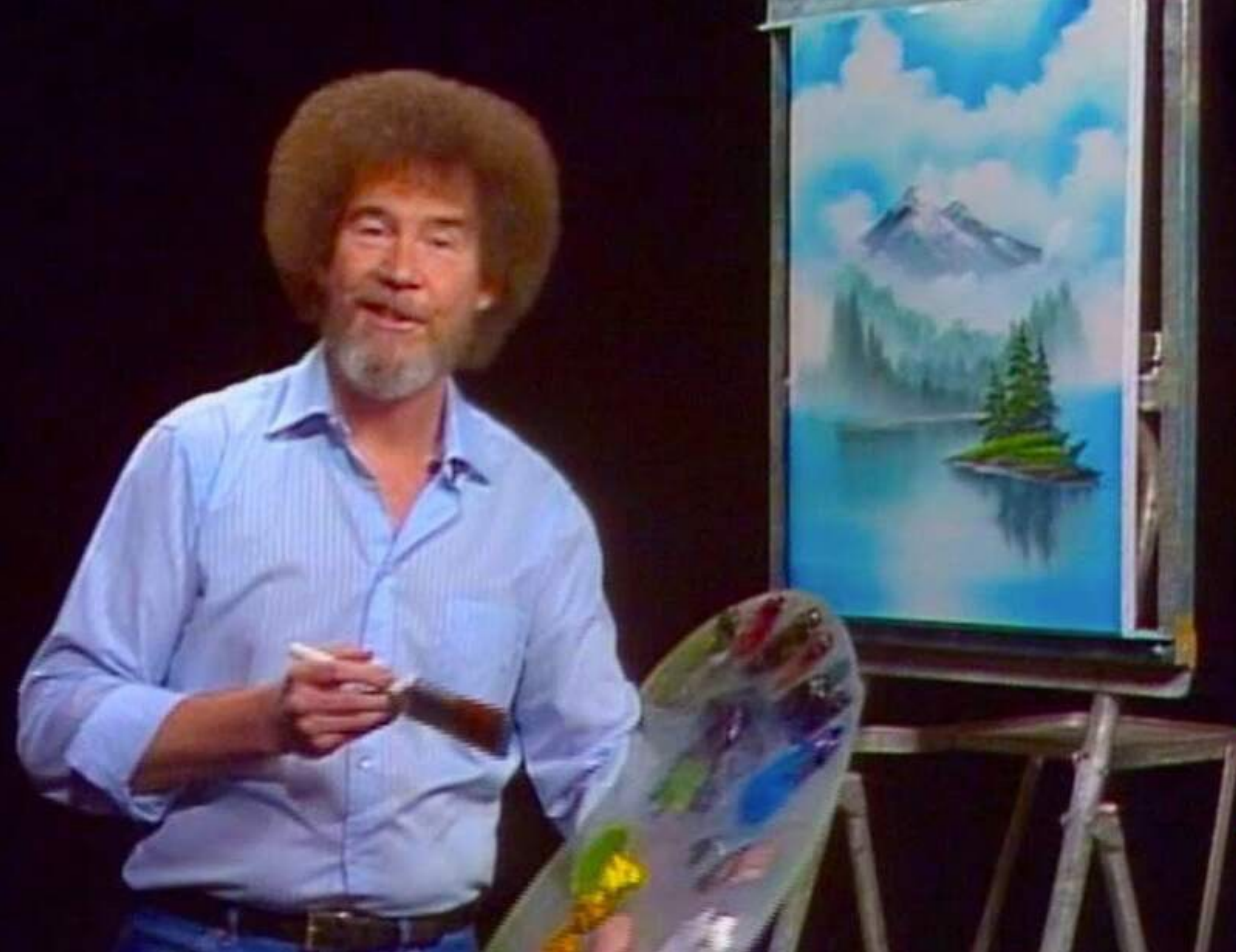
LOS

RO10









**AS LONG  
AS YOU'RE  
LEARNING,  
YOU'RE NOT  
FAILING.**

*Bob Ross*







```

5552574F 59 pop ecx
55525750 5F pop edi
55525751 5E pop esi
55525752 5B pop ebx
55525753 8B8C24 38040000 mov ecx,dword ptr ss:[esp+438]
5552575A 33CC xor ecx,esp
5552575C E8 BC1A1C00 call roboform.556E721D
55525761 8BE5 mov esp,ebp
55525763 5D pop ebp
55525764 C2 0C00 ret c
55525767 CC int3
55525768 CC int3
55525769 CC int3
5552576A CC int3
5552576B CC int3
5552576C CC int3
5552576D CC int3
5552576E CC int3
5552576F CC int3
55525770 8D48 9F lea ecx,dword ptr ds:[eax-61]
55525773 66:83F9 19 cmp cx,19
55525777 77 03 ja roboform.5552577C
55525779 B0 01 mov al,1
5552577B C3 ret
5552577C 83C0 BF add eax,FFFFFFBF
5552577F 66:3D 1900 cmp ax,19
55525783 0F96C0 setbe al
55525786 C3 ret
55525787 CC int3
55525788 CC int3
55525789 CC int3
5552578A CC int3
5552578B CC int3
5552578C CC int3
5552578D CC int3
    
```

Show FPU

EAX 006FAF08 &L"0xFeFSTj9"  
 EBX 00000008  
 ECX 006FADB0  
 EDX 02640000  
 EBP 006FAD30  
 ESP 006FA8D4  
 ESI 006FAF08 &L"0xFeFSTj9"  
 EDI 00000008

EIP 5552574F roboform.5552574F

EFLAGS 00200300  
 ZF 0 PF 0 AF 0  
 OF 0 SF 0 DF 0  
 CF 0 TF 1 IF 1

LastError 00000000 (ERROR\_SUCCESS)  
 LastStatus c0000034 (STATUS\_OBJECT\_NAME\_NOT\_FOUND)

GS 002B FS 0053  
 ES 002B DS 002B  
 CS 0023 SS 002B

DR0 00000000  
 DR1 00000000  
 DR2 00000000  
 DR3 00000000  
 DR6 00000000  
 DR7 00000000

Default (stdcall) 5 Unlocked

1: [esp+4] 006FB13C 006FB13C  
 2: [esp+8] 00000007 00000007  
 3: [esp+C] 00000000 00000000  
 4: [esp+10] 73A6570C comctl32.73A6570C  
 5: [esp+14] 027474FC 027474FC

ecx=006FADB0

.text:5552574F roboform.dll:\$5E574F #5E484F

Name	Expression	Value	Type	Watchdog Mode	ID
Watch 1	[EAX]	027511CC	UINT	Disabled	8
Watch 2	[EBX]	00000000	UINT	Disabled	9
Watch 3	[ECX]	006FAF0C	UINT	Disabled	10
Watch 4	[EDX]	BF543F49	UINT	Disabled	11
Watch 12	[1a168f29]	00000000	UINT	Changed	12
Watch 13	[2736c68]	원뿔즈뽀쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈쑈	UNICODE	Changed	13
Watch 14	[7fb058]	00530052 is not readable.	UNICODE	Changed	14

Command: Commands are comma separated (like assembly instructions): mov eax, ebx

Advanced Options: Paused INT3 breakpoint at roboform.5552574F

Time Wasted Debugging: 0:01:35:22

Password Generator - RoboForm

Generate New Copy

Generate new password. You can drag it to any field now.

RSeHoKT8

Copy new generated password to clipboard

Advanced settings

Number of characters: 8

Exclude similar characters

Hexadecimal 0-9, A-F

A-Z  a-z  0-9  !@#%&^\*

Minimal number of digits: 1

Bit Strength = 45

Recycle Bin

Cheat Engine

File Edit Tab

Found:2

Address

007FB058

02747964

x32

x64

Cheat

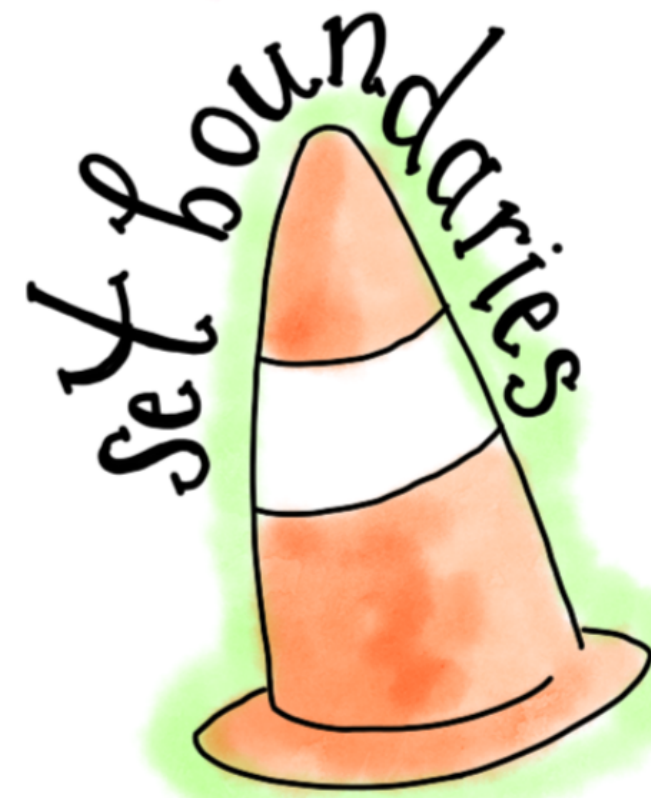
Cheat







# YOUR MENTAL HEALTH MATTERS



TAKE CARE OF YOU ♡



SUPER 8 BIT  
FIREPLACE

•START

TM AND © 2011 WATERWINGS PRODUCTIONS  
WWW.WATERWINGSPRODUCTIONS.COM











# hack\_curio

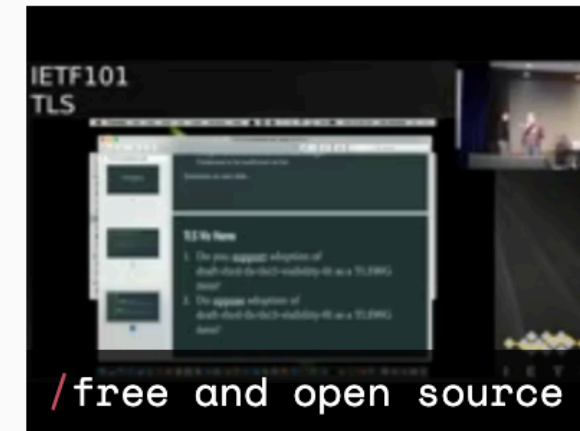
[/about](#) [/contact](#) [/team](#) [/the list](#)



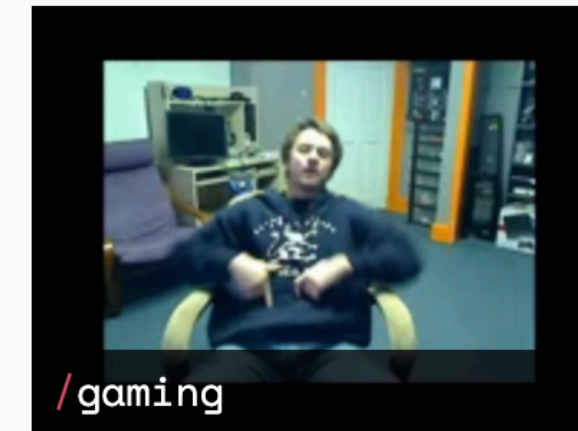
[/anti-security](#)



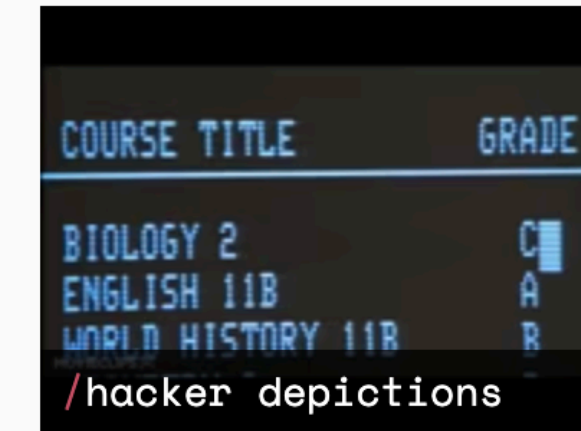
[/blockchain](#)



[/free and open source](#)



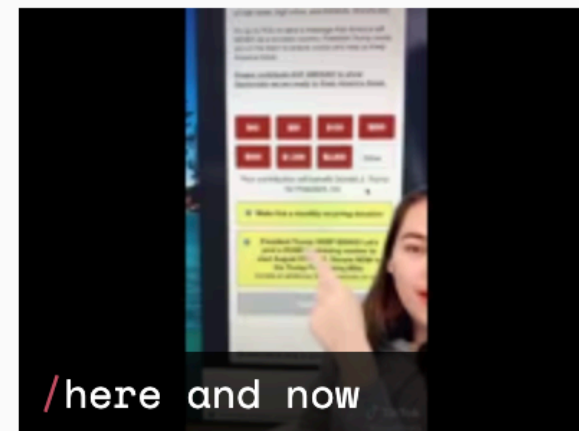
[/gaming](#)



[/hacker depictions](#)



[/hacktivism](#)



[/here and now](#)



[/inclusions+exclusions](#)



[/labor](#)



[/phreaking](#)



[/piracy](#)



[/trolling](#)



# Wearing Many Hats

DATA &  
SOCIETY

The Rise of the  
Professional  
Security Hacker

Matt Goerzen  
Gabriella Coleman



# A Hacker's Mind

*How the Powerful Bend  
Society's Rules, and  
How to Bend Them Back*

Bruce  
Schneier

*New York Times* best-selling author of DATA AND GOLIATH



Hack the Planet!

