prepared and presented by
Cynthia Hetherington, President

Investigative &
Intelligence Training

FinOSINT Investigations

Follow the Money

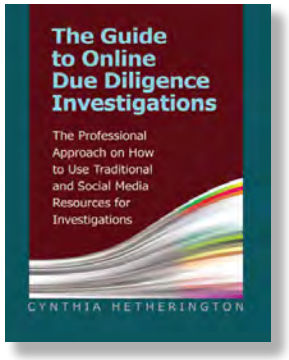
HetheringtonGroup

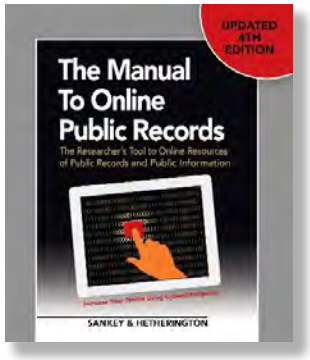
About Hg

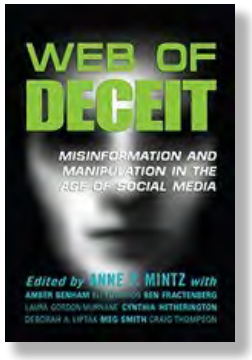
- OSMOSIS Institute Founder
- Association, Government, & University Educators
- Over 25 years of OSINT
- Global OSINT presenters
- Author & publishers
- Security Practitioners
- Analysts
- Investigators

THE OSMOSIS INSTITUTE

Supporting OSINT Education & Training for the Global Investigative Community.







internet and online intelligence newsletter

data2know.com

A Publication of Hetherington Group

Overview

- Introduction to Financial Open-Source Intelligence (FinOSINT)
- Searching for FinOSINT
- Traditional Databases and Resources for FinOSINT Research
- The Future of Money
  - Money Sharing Apps
  - The Dark Web
  - The Future of the Internet

Introduction to OSINT

- OSINT is information that has been extracted from Open, Publicly Available Information (PAI), that is collected, exploited, analyzed, and disseminated to address specific requirements

Financial Open-Source Intelligence (FinOSINT)

- Open-source analysis relating to the Finances services sector
- Often utilized in financial crime compliance and risk management departments

FinOSINT Research Areas

- Due Diligence
- Brand Protection/Trademarks
- Corporate Security
- Insider Threat
- Fraud and Corruption Investigations
- Illicit Trade
- Compliance
- Sanctions
- Anti-Money Laundering
- Anti-Financial Crime

Types of Investigations

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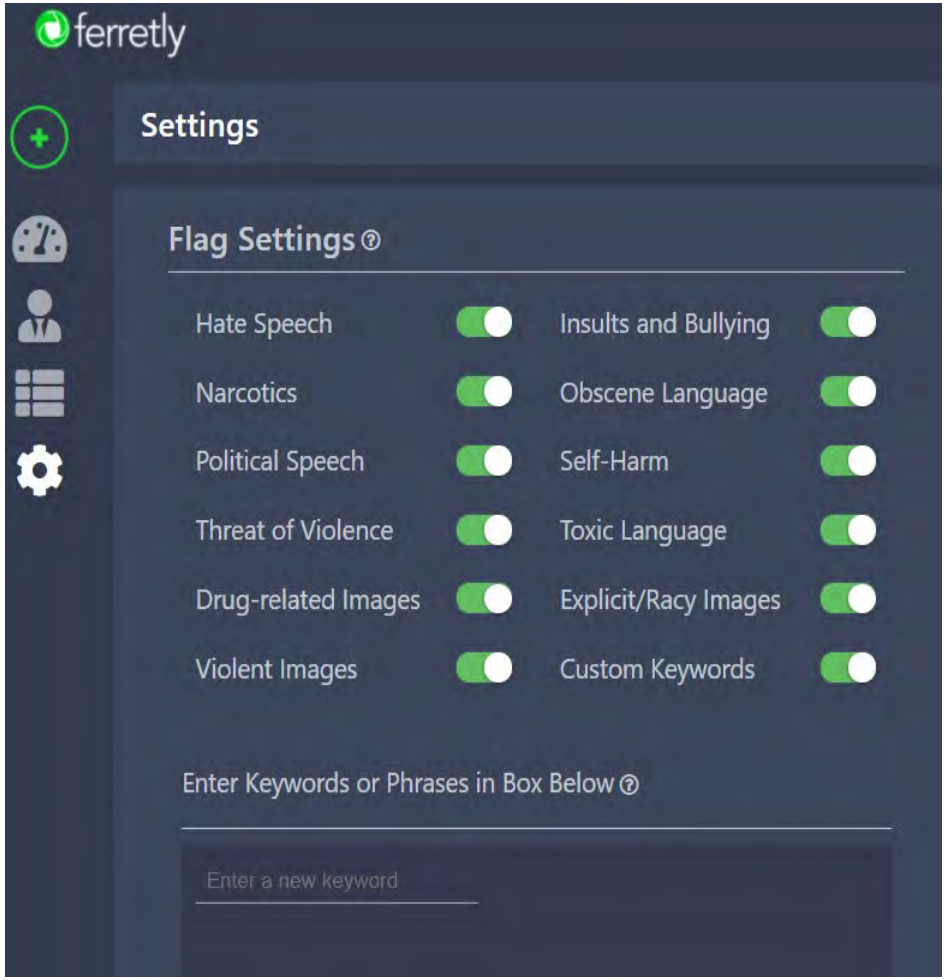
Red Flag Investigation

- First collect
- Analyze volume and severity to determine level of risk or concern
- Unsure? Always better to document
- No bias
- Keywords - What terms or hashtags could be relevant for searching?
- Have a plan, do your due diligence



C.A.R.A. Investigations

C.A.R.A. for people

- Height, weight, gender
- Contact information
- Family members and friends
- Employers
- Business ownership
- Academic history
- Business connections
- Hobbies
- Sports teams
- Opinions
- Propaganda
- Schedule
- Charitable causes
- Local hangouts
- Photos of them, their dog, their home, their office
- Videos inside facilities
- Assets- cars, boats, money
- Updates on events and life changes
- Drug habits
- Illnesses
- Sexual preferences
- Where you are and what you are doing every minute of the day!

C.A.R.A. for companies

- Business profile
- Employees
- Vertical markets
- Charities and philanthropy
- About Us
- Terms of service
- Opinions
- Schedule
- Employee Statistics
- Board of Directors
- Contact information
- Intellectual property
- Intellectual capabilities
- Photos of the office
- Videos inside facilities
- Technology capability
- News and media
- Business locations
- Financials
- Corporate status

Alert Services: Free or Fee

Free

- Google.com/alert
- Socialmention
- Biznar
- Searchtempest
- Claz.org

Fee

- Navigator Liferaft
- Media Sonar
- Cision
- Vocus
- Echosec.net
- Dataminr

FEE - News

- Factiva
- Nexis
- ProQuest

How to search for FinOSINT

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Searching for FinOSINT Information

- Proprietary Databases
  - Clear, Nexis, RMS, TLO
- Business Registrations
- Company Websites
- Social Media (Self-reported)
- The Media
- SEC (If publicly traded)
- ProPublica (Nonprofits)
- Federal Employee Identifier Number (FEIN)
- State Identifying Number (Comes From State Business Registration Info)
- Dun & Bradstreet
- North American Industry Classification System (NAICS)
- Standard Industrial Classification (SIC)

Google Operators

Operator	Definition	Example
“ “	The exact phrase	“can I get a witness”
AND	Results for one search term and another	dog and food
OR (same as pipe I)	Results for one search term or another	vegetarian or vegan
..	range of something	$5..$50 or 2010..2020
-	Exclusion	shoot-photo
*	Wildcard proximity searching	Cynthia * Hetherington
#	hashtags for topics	#osint

Google Operators

Operator	Definition	Example
()	Grouping search operators	(cynthia OR president) “hetherington group”
filetype:	Specific file types	filetype:pdf “highly confidential”
site:	Specific website	site:sec.gov
cache:	Search cached version of a website	cache:hetheringtongroup.com
inurl:	Narrows to terms in URL	inurl:abctrucking
link:	Linking to a specific URL	link:hetheringtongroup.com
source: and location:	Google news narrow to source or location	source:usatoday.com or seattle:protest

Google site searches

- Site searching social media
  - site:facebook.com ch@hetheringtongroup.com
  - site:facebook.com “973 706 7525”
  - site:twitter.com @osmosiscon
  - site:reddit.com intitle:disney
- Site searching to go beyond what is searchable through website search bars
  - site:sec.gov “abc company” china
- Site searching for people or specific text on a website
  - site:sidleylaw.com smith
- Sometimes a simple hack to website that require subscription

Google file type searches

- Using standard file types, you can narrow down your search to key company information (.pdf, .doc, .xls, .ppt, .txt, .jpg)
- Filetype:pptx– One word and no space between!
  - *Also* ext:pptx
- Add words like “attorney work product” or “confidential”
- Find county and state documents
- Find company, organization, or event brochures, reports, presentations not accessible through their website
- Find donor information for nonprofits, annual reports often released as PDFs

Address searches

- “123 highland avenue wanaque new jersey” **too much**
- “123 highland avenue” Wanaque
  - Technically asking google to show exact matches for avenue not ave
- “123 highland ave” Wanaque
  - Will provide results for both ave and avenue
- “123 highland” Wanaque
  - Can try leaving out street altogether
- “123 w highland ave”
  - Not the same as “123 west highland ave”
- “123 w highland” Hetherington
  - Person/company and address search

Searching phone numbers

- 909-450-7405 = “909 450 7405”
- No dashes, parenthesis, backslashes, etc.
- Just spaces
- Scrutinize the results

Google Asterisk

Common Names Found

- Carlos Gonzalez
- Mohammed Abdullah
- Michael Smith
- Vihaan Patel
- Sara Moore
- Fathima Mohamed
- Roberto Edwardo Rodriquez

Google proximity searching

- New York within 15 words of Yankees
  - “new york” * “yankees”
- “Carlos Gonzalez” within 15 words of “Camden NJ”
  - “Carlos Gonzalez” * “Camden NJ”
- Carlos Juan Gonzalez or Carlos J Gonzalez
  - “Carlos * Gonzalez”
- Missing word “I * Penn Entertainment”
- Email addresses based on known usernames “username * com”

Where to look for FinOSINT

Public Records

- Litigation history
- Media history
- Business & personal affiliations
- SEC filings
- Corporate records
- Regulatory history
- Property records
- Academic records
- Nonprofit Filings and donations
- Financial records
- Vendor and supplier relationships
- Board appointments
- Liens, judgments, and UCCs
- Subsidiaries and franchises
- Physical assets
- Political & charitable causes
- Intellectual property

Public & Pseudo-Public Records

- Search engine results
- Social media
- Open-source databases
- Media
- Interviews
- Biographies
- Blogs
- Phone directories
- Property
- Telephones
- Voter registration
- Vehicles
- Lawsuits
- Judgments
- Liens/Loans
- Magazine subscriptions
- Warranty cards
- Credit cards
- Cell phones
- Photographs
- Any open source, such as Web sites or media captures

Business Data

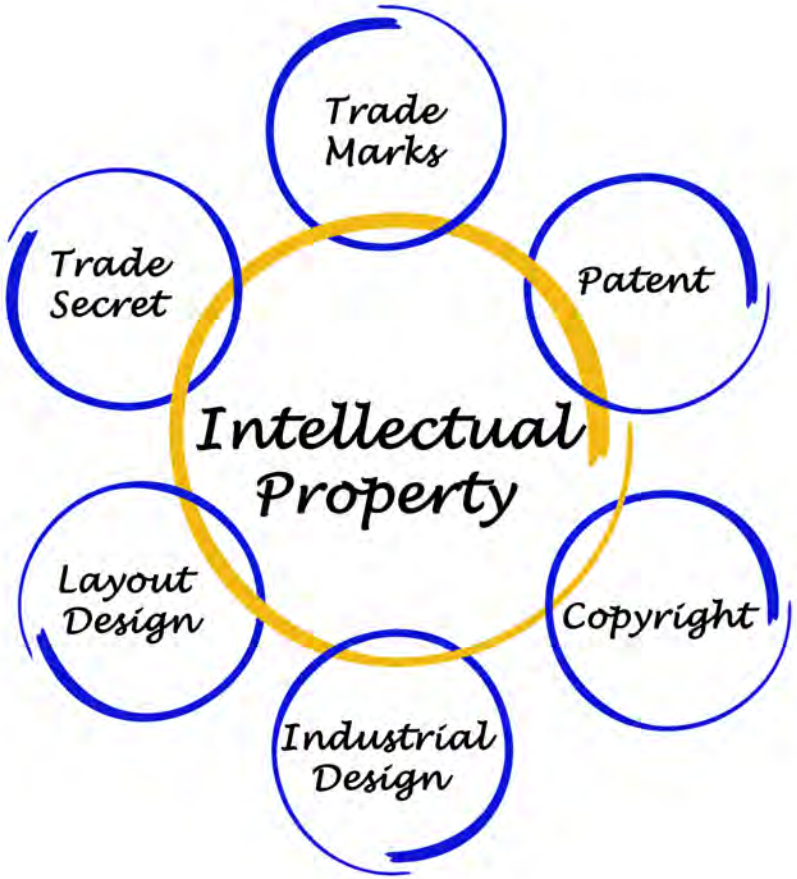
- Open Corporates
- Donation/Grant Registries
- Business Documents
- Investors
- Holdings/Liens/UCC/Bankruptcies
- Stock Holdings
- Company year-end disclosures

opencorporates

Open Sanctions

Intellectual Property Searches

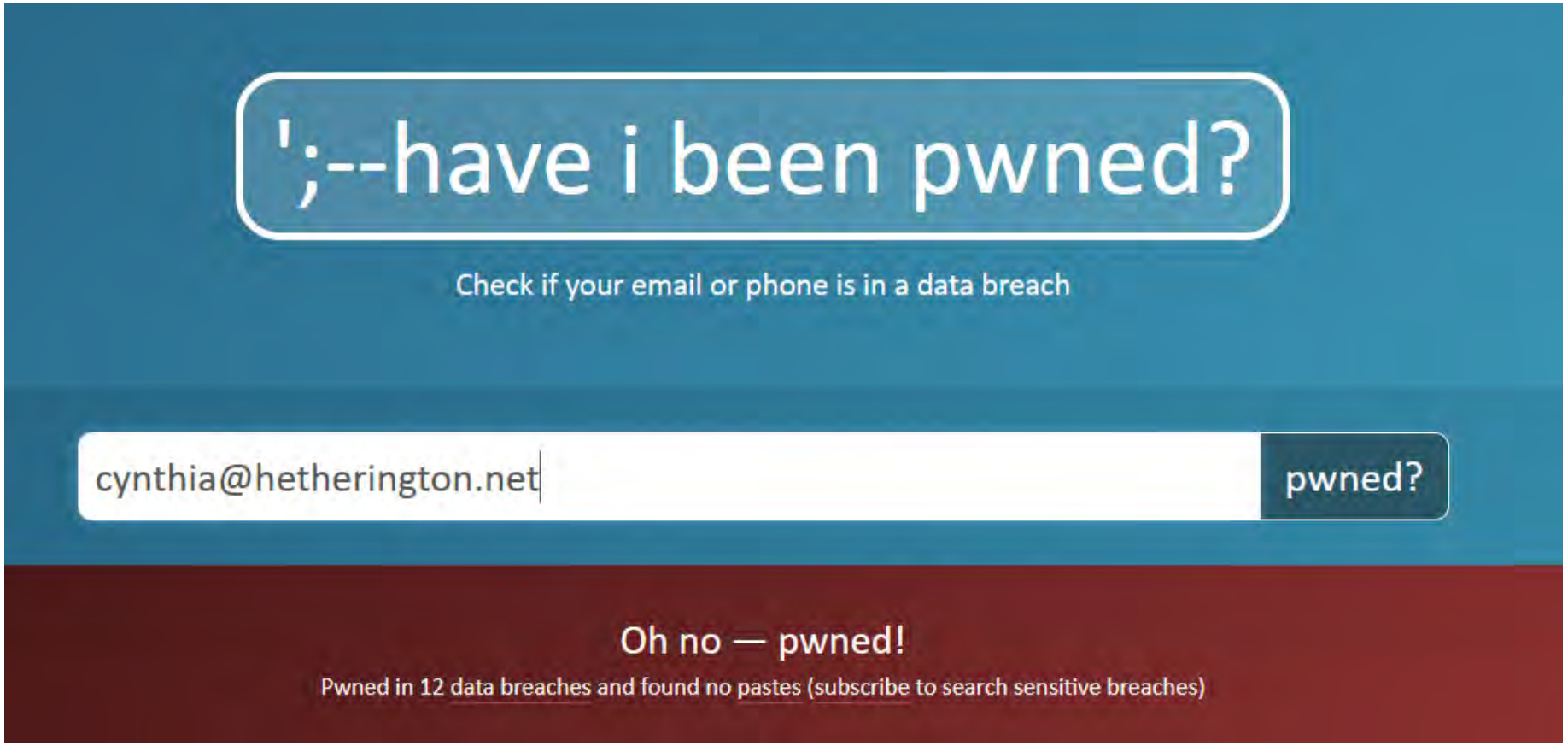
- United States Patent and Trademark Office (USPTO)
- United States Copyright Office Public Catalog
- Markify Trademark Search
- Marcaria Trademark Search
- World Intellectual Property Organization (WIPO)
- Patent applications
- Google Advanced Patent Search
- Media
- Open Sources



Pastebin.com

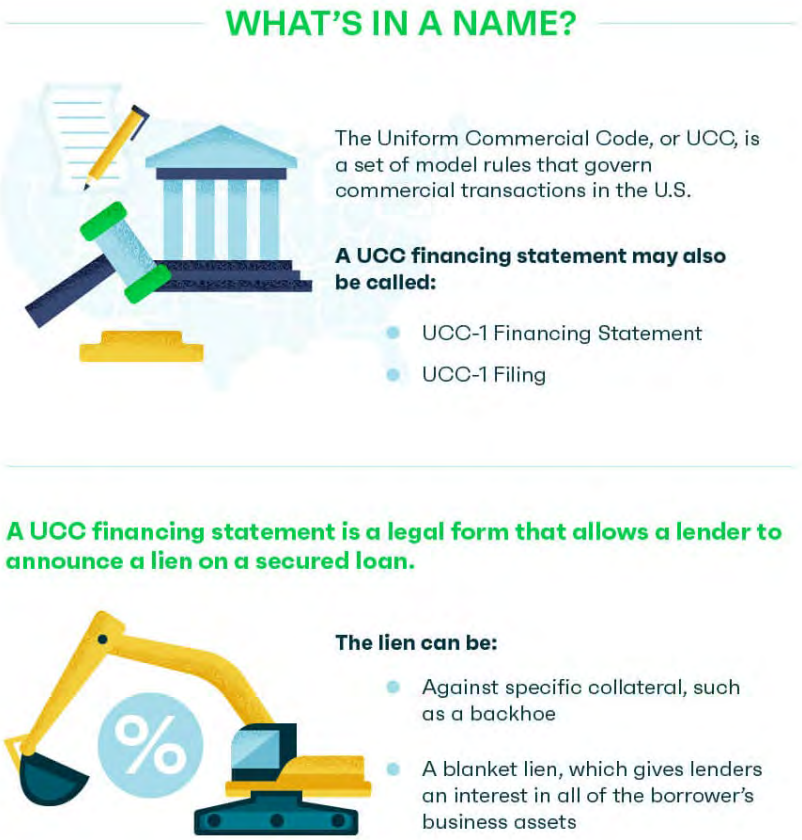
- Pastes—information copied and pasted into a public website for sharing
- Usually shared anonymously
- Excellent site to locate stolen intellectual property, personal identifying information, and other compromising content

';--have i been pwned?



Uniformed Commercial Code Filing (UCC)

- Can disclose when and where a company, and sometimes individual, obtains a commercial loan
- The type of property pledged to the lender to secure the loans and the current address of the debtor
  - County or state UCC search
  - Proprietary databases



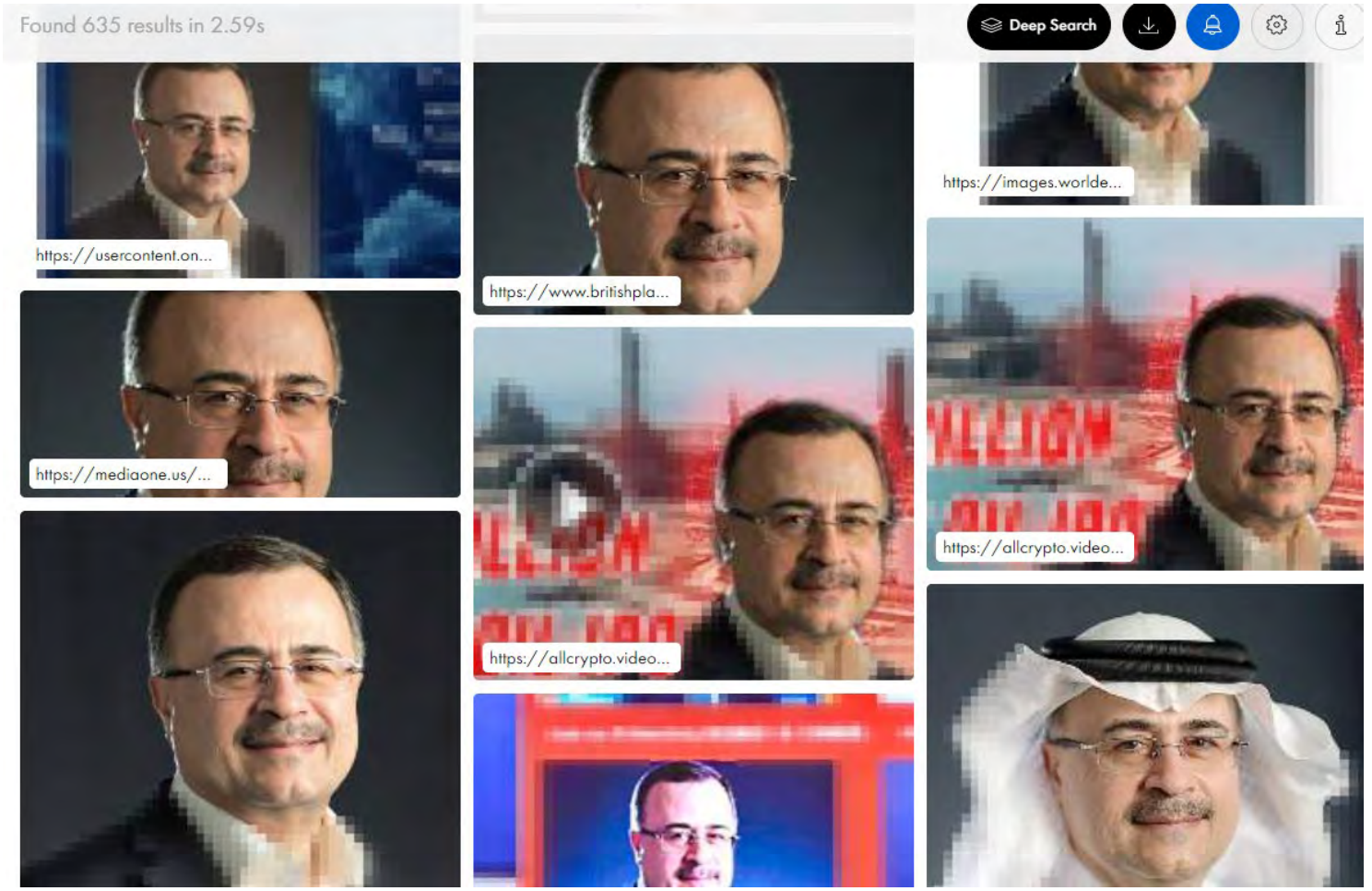
Charitable Causes And Campaign Contributions

- Opensecrets.org
- Federal Election Commission (FEC.gov)
- Campaignmoney.com
- People Search Engine Websites (Xlek.com, Melissadata.com, etc.)
- Followthemoney.org – for searches by candidate
- State campaign contribution databases

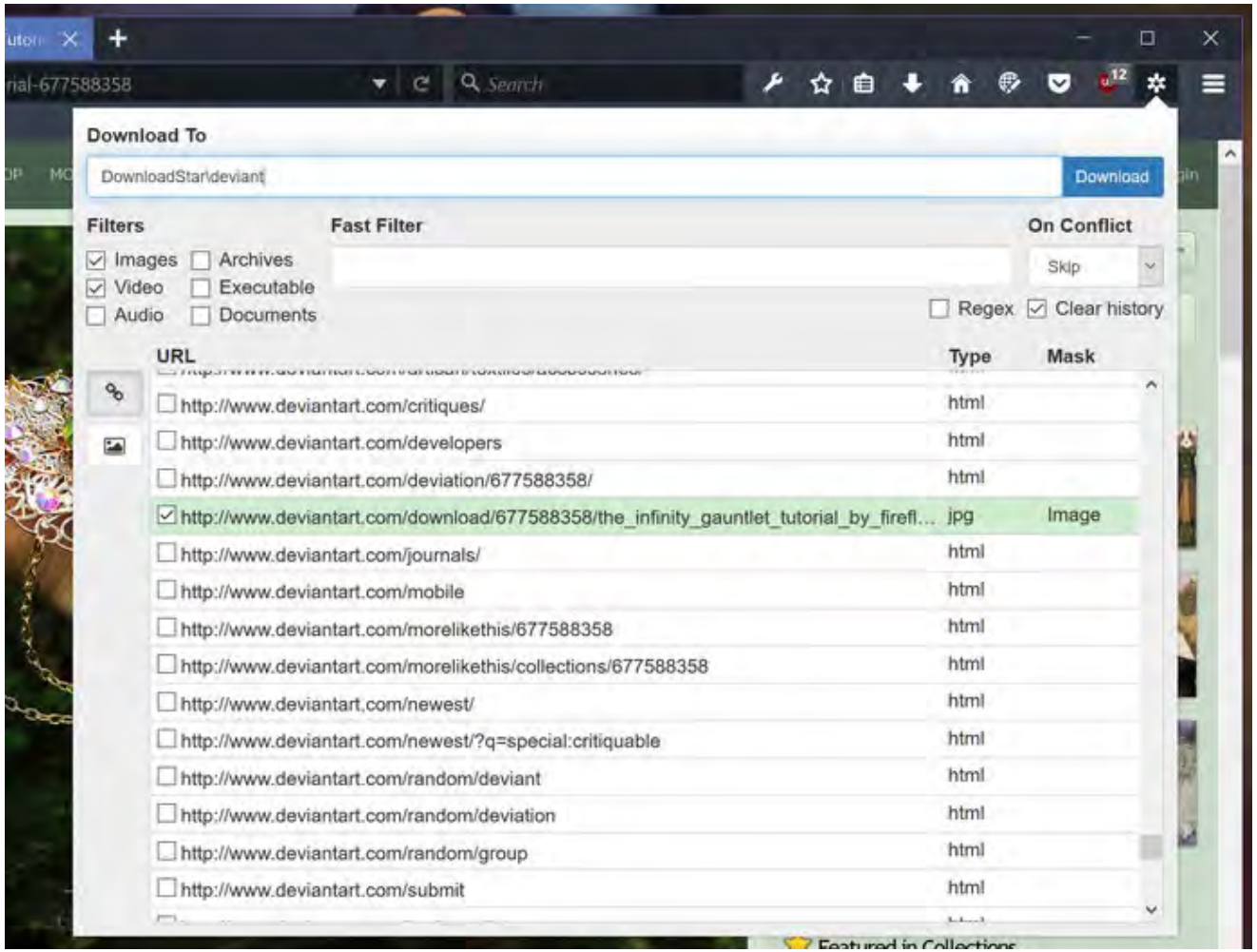
OpenSecrets.org
Center for Responsive Politics

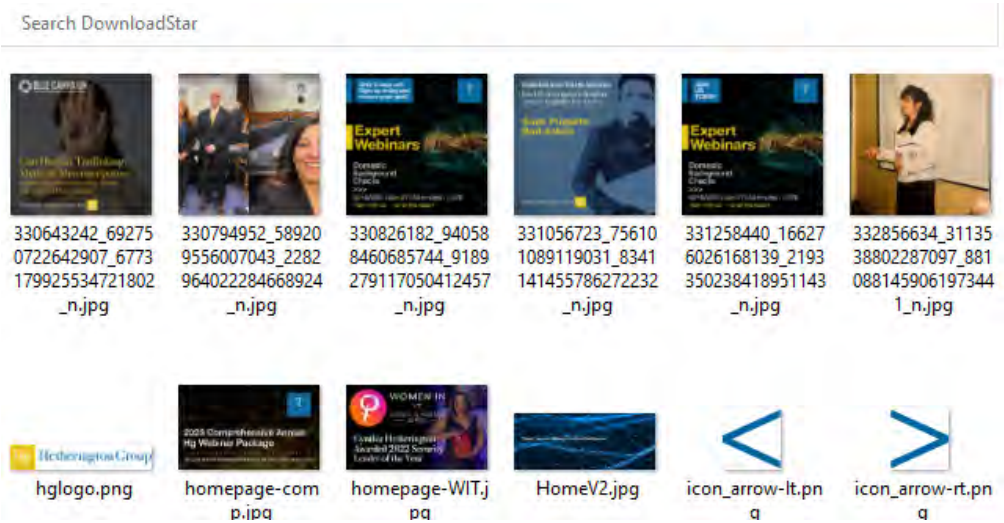
Facial Recognition – Pimeyes

- Facial recognition
- Filter by time image appeared in their search results
- Filter by language on website
- Premium version to unlock full sources and export results



Download Star – Firefire Add-on to download all things





https://exifdata.com/index.php

Basic Image Information

Target file: IMG_8330.JPG

Camera:	Apple iPhone 7
Lens:	iPhone 7 back camera 3.99mm f/1.8 Shot at 4 mm
Exposure:	Auto exposure, Program AE, 1/30 sec, f/1.8, ISO 32
Flash:	Off, Did not fire
Date:	**January 12, 2018** 1:22:36PM (timezone not specified) (10 days, 23 hours, 6 minutes, 37 seconds ago, assuming image timezone of 5 hours behind GMT)
Location:	Latitude/longitude: **41°** 3' 33.5" North, **74°** 17' 9.4" West (41.059308, -74.285950) Location guessed from coordinates: *395-399 Ringwood Ave, Wanaque, NJ 07465, USA* Map via embedded coordinates at: Google, Yahoo, WikiMapia, OpenStreetMap, Bing (also see the Google Maps pane below) Altitude: 122 meters (400 feet) Camera Pointing: Northeast Timezone guess from earthtools.org: 5 hours behind GMT
File:	**4,032 × 3,024** JPEG (**12.2** megapixels) 2,247,129 bytes (2.1 megabytes)

Extracted **160 × 120** 10-kilobyte "EXIF:ThumbnailImage" JPG
Displayed here at 200% (1/159 the area of the original)

Click image to isolate; click this text to show histogram

Details on address, date, phone type

Business and Credit Reports

- Nexis Company and Financials Search
- Experian
- Dun and Bradstreet
- Zoom Company Info (not so reliable but good to check still)

Stock Ownership

- Beneficial ownership (more than 5% of the outstanding shares) required to be disclosed on Schedule 13D or 13G through SEC
- 13F for publicly disclosed stock ownership
- Institutional Ownership – https://www.nasdaq.com/market-activity/quotes/institutional-holdings

Property

- County property record public databases
- County assessor's database
- County land records
- Open sources
- Proprietary databases-unverified

PROPERTY SEARCH

Vehicles

- Vehicles
  - People search engine websites (xlek.com, publicdatausa.com, etc)
  - VIN lookup sites (https://driving-tests.org/vin-decoder)
  - Google/Bing Maps Streetside view
  - Social media
  - Litigation matters involving car accidents
  - Some traffic records
  - Proprietary databases

Watercraft | Aircraft

- Watercraft
  - boatinfoworld.com
  - NOAA Fisheries: https://www.st.nmfs.noaa.gov/coast-guard-vessel-search/
  - VesselFinder: https://www.vesselfinder.com/
  - Social media mentions or photos
- Aircrafts
  - FAA Registry https://registry.faa.gov/aircraftinquiry/
  - FlightAware https://flightaware.com/live/
  - Social media mentions or photos

Business Database Results

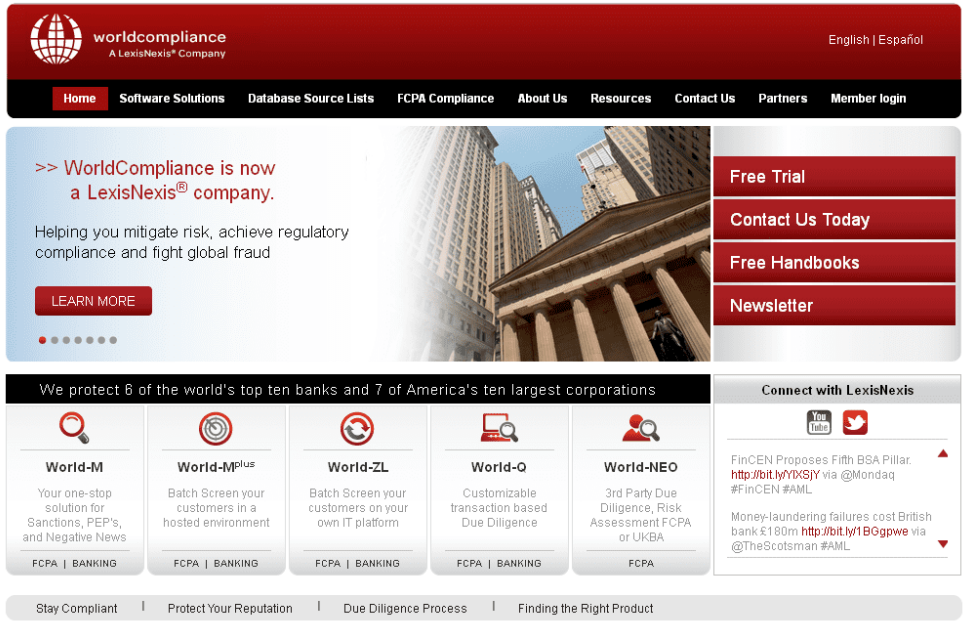
- Nexis company and financials search - accessible through Nexis Company tab
- Nexis Market Insight Search
- Looking for these sources, or similar when reviewing your data:
  - Market IQ, formerly CorpfinWorldwide
  - Market Line Financial Deals Tracker
  - Worldwide Mergers & Acquisitions
  - Market Insight

Liens | Judgments | Foreclosures | Bankruptcies | Evictions

- Proprietary databases
  - Verify information through state and local databases
- County Public Record Searches
- PACER (Civil and Bankruptcy records)
- BRB Publications (civil/criminal/ucc/bankruptcy/liens,etc.)

Sanctions, Regulatory, and Law Enforcement

- LexisNexis World Compliance
  - Global Sanctions List
  - Office of Foreign Assets Control (OFAC)
  - Foreign Corrupt Practices Act (FCPA)
  - Bureau of Industry and Security (BIS)
  - Politically Exposed Persons (PEPS)



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Resources for Financial Crimes Exposed

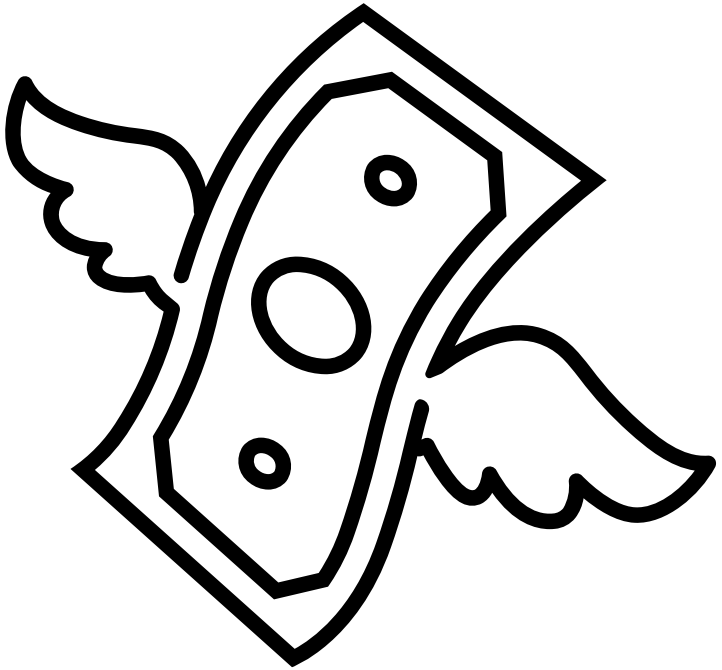
- International Consortium of Investigative Journalists (ICIJ)
- OpenSecrets.org – Following money in politics
  - “Dark Money” – spending meant to influence political outcomes, not disclosed
- Organized Crime and Corruption Reporting Project (OCCRP)
  - Investigative Journal Resources on financial crimes and money laundering
  - Able to crack cases using traditional journalism techniques with PAI
- Local/National Media Sources

ICIJ INTERNATIONAL CONSORTIUM of INVESTIGATIVE JOURNALISTS

Social Media

Social Media and Asset Searches

- Scan the social media profiles for
  - Lifestyle changes
  - Improvements to homes
  - New cars
  - Kids wearing the latest trends, phones and upgraded schools

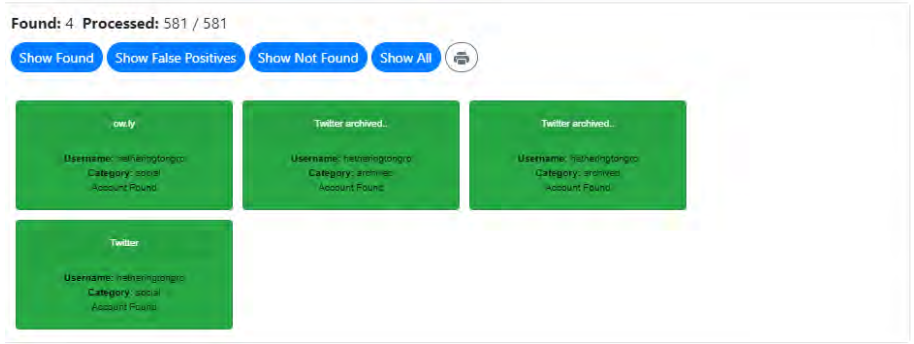


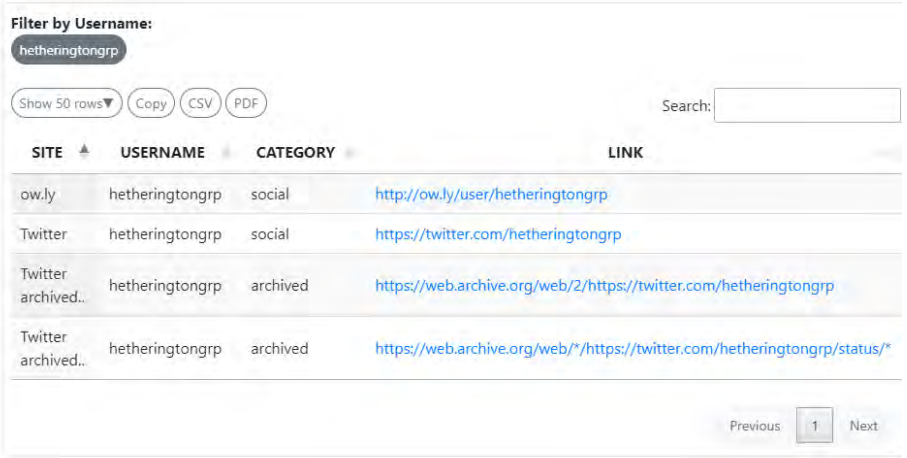
Finding Social Media Accounts 101

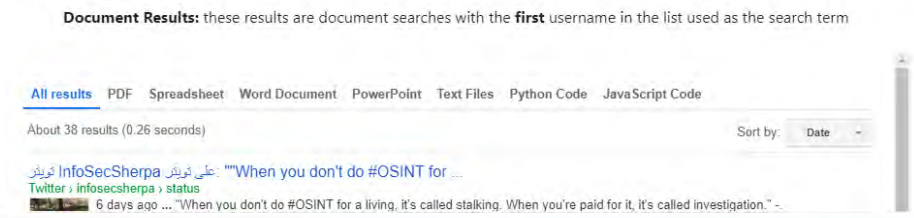
- Google
  - Search all versions of name, nickname, known usernames, possible usernames (from email addresses)
- Username searches
  - Examples: Namecheckup.com, namechk.com, whatsmyname.app
- Reverse Image Searching
  - Examples: Google, Yandex, Pimeyes, Tineye
- Search on the Platform
  - Filter by known cities, education, employer where possible
- Professional tools
  - Affordable example: Skopenow
- Use others to find your subject
  - Find known relatives' accounts, company accounts

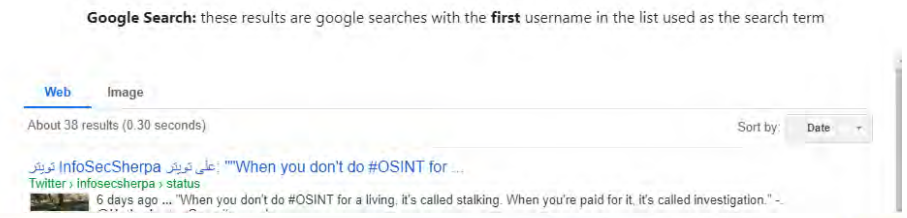
Whatsmyname.app

- Top tool: Created by a collective of known OSINTers in the industry with a wealth of sites searched
- Exportable to CSV, Excel, PDF









Must Know Popular Social Media

- Facebook
- Twitter
- Instagram
- TikTok
- YouTube
- Discord
- Telegram
- Alternative Media

TikTok:Trend

- 1 billion monthly active users in over 150 countries
- Compare to Snapchat and YouTube

Use search bar on web page tiktok.com for searching accounts.
OR
Online search by OSINTCombine for hashtag search
https://www.osintcombine.com/tiktok-quick-search

Entity Search

- Search for person once enough identifiers are known
- Search for personal social media accounts if you find their real name
- Search for business registration if their business is mentioned
- Search for domain whois records if a website is mentioned

Example

Unknown to Known Through Posts and Business Registrations

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Searchtempest *

California - Inland Empire (~47 mi.) Map Directions

powered by Google™

Warmers and wax!
inlandempire.craigslist.org > household items - by owner

PRIVET HEDGES = WAX LEAF PRIVET -GALLONS
17 hours ago inlandempire.craigslist.org > farm & garden - by dealer

RV Wash, Wax, Detail Services
1 day ago inlandempire.craigslist.org > rvs - by dealer

Wax Crumble Bho
inlandempire.craigslist.org > auto parts - by dealer

VACUUM PURGER FOR WAX
1 day ago inlandempire.craigslist.org > tools - by owner

100 GALLON WATER TANK
1 day ago inlandempire.craigslist.org > tools - by dealer

------- HoneyComb Showerhead Wax Bong (TITANIUM)
4 days ago inlandempire.craigslist.org > general - by owner

cheap recycler dabs rig wax
1 day ago inlandempire.craigslist.org > general - by owner

Chevy Camaro
11 hours ago inlandempire.craigslist.org > cars & trucks - by owner

LAVENDER, BOXWOOD, AND WAX LEAF PRIVET
6 days ago inlandempire.craigslist.org > farm & garden - by owner

Hit me up!

- OUTER LIMIT EXTRACTIONS
  TEXT OR CALL ONLY 909-450-7405
  Donations
  King OG kush 45.00 A gram Crumble
  PLATINUM BLUE DREAM MASTER KUSH 40.00 A GRAM CRUMBLE
  PLATINUM MASTER KUSH 40.00 A GRAM CRUMBLE
  CHERRY PRIVATE STOCK 30.00 A GRAM CRUMBLE
  NO WHOLESALE
  MUST HAVE REC AND VALID ID
  TEXT OR CALL ONLY 909-450-7405
  HIT ME UP 909-450-7405 TEXT OR CALL

Google that number!

- 909-450-7405 = “909 450 7405”
- No dashes, parenthesis, backslashes, etc.
- Just spaces
- Scrutinize the results

Bingo!

Google "909 450 7405"

Web Maps Shopping Images Videos More Search tools

24 results (0.53 seconds)

909-450-7405 | 9094507405 | Whitepages
www.whitepages.com/phone/1-**909-450-7405** Whitepages
Got a call or text from 909-450-7405? Whitepages reverse phone lookup ID's phone numbers. Find out who called, their address, city, state, carrier info and ...

909-450-7405 | 9094507405 Reverse Phone Number Lookup
www.fatmoolah.com/phone/**909-450-7405**
We've found information for Phone Number 909-450-7405. 909-450-7405 Phone Number In CLAREMONT-SAN DIMAS, California ...

909-450-7405 / 9094507405 Reverse Phone Lookup
checkwhocalled.com/phone-number/1-**909-450-7405**
Feb 24, 2015 - Use our reverse phone lookup to check who called from 909-450-7405.

Caller Name & Address for (909) 450-74## - OkCaller
okcaller.com/90945074
9094507404, Realtime information for 909-450-7404. 9094507405, Realtime information for 909-450-7405. 9094507406, Realtime information for 909-450- ...

Phone Numbers Matching 909-450-XXXX | Caller ID by ...
www.youmail.com/directory/area/909/450?pg=75 Youmail
Select a number to view details: Previous Page 75 of 100 Next · 909-450-7400 · 909-450-7401 · 909-450-7402 · 909-450-7403 · 909-450-7404 · 909-450-7405.

El Camino Hood | eBay
www.ebay.com/bhp/el-camino-hood eBay
13 watching; |; 1 sold. 1978-87 Chevy El Camino/GMC Caballero. Local pick up only. 4168 holt blvd. 909-450-7405. Montclair ca 91763. 1978-83 Chevy Malibu.

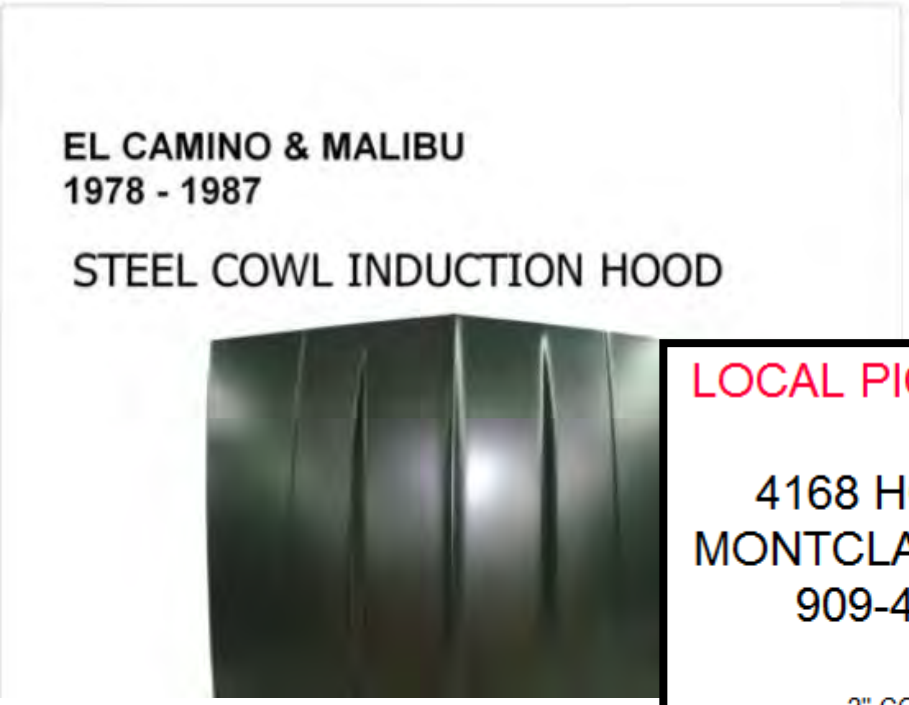
78-87 el camino 2" cowl hood steel cowl hood **PICK UP ONLY **NO SHIPPI (Fits: El Camino)

$350.00
Buy It Now

13 watching | 1 sold

1978-87 Chevy El Camino/GMC Caballero. Local pick up only. 4168 holt blvd. 909-450-7405. Montclair ca 91763. 1978-83 Chevy Malibu.

Key items



LOCAL PICK UP ONLY

4168 HOLT BLVD
MONTCLAIR CA 91763
909-450-7405

2" COWL HOOD
- 1978-83 Chevy Malibu

1978-87 Chevy El Camino/GMC Caballero

78-87 el camino 2" cowl hood steel cowl hood **PICK UP ONLY **NO SHIPPI

Item condition: **New**

Compatibility: See compatible vehicles

Quantity: 1 2 available / 1 sold

Price: **US $350.00**

Buy It Now

Add to cart

Add to watch list

Add to collection

Located in United States

| See details

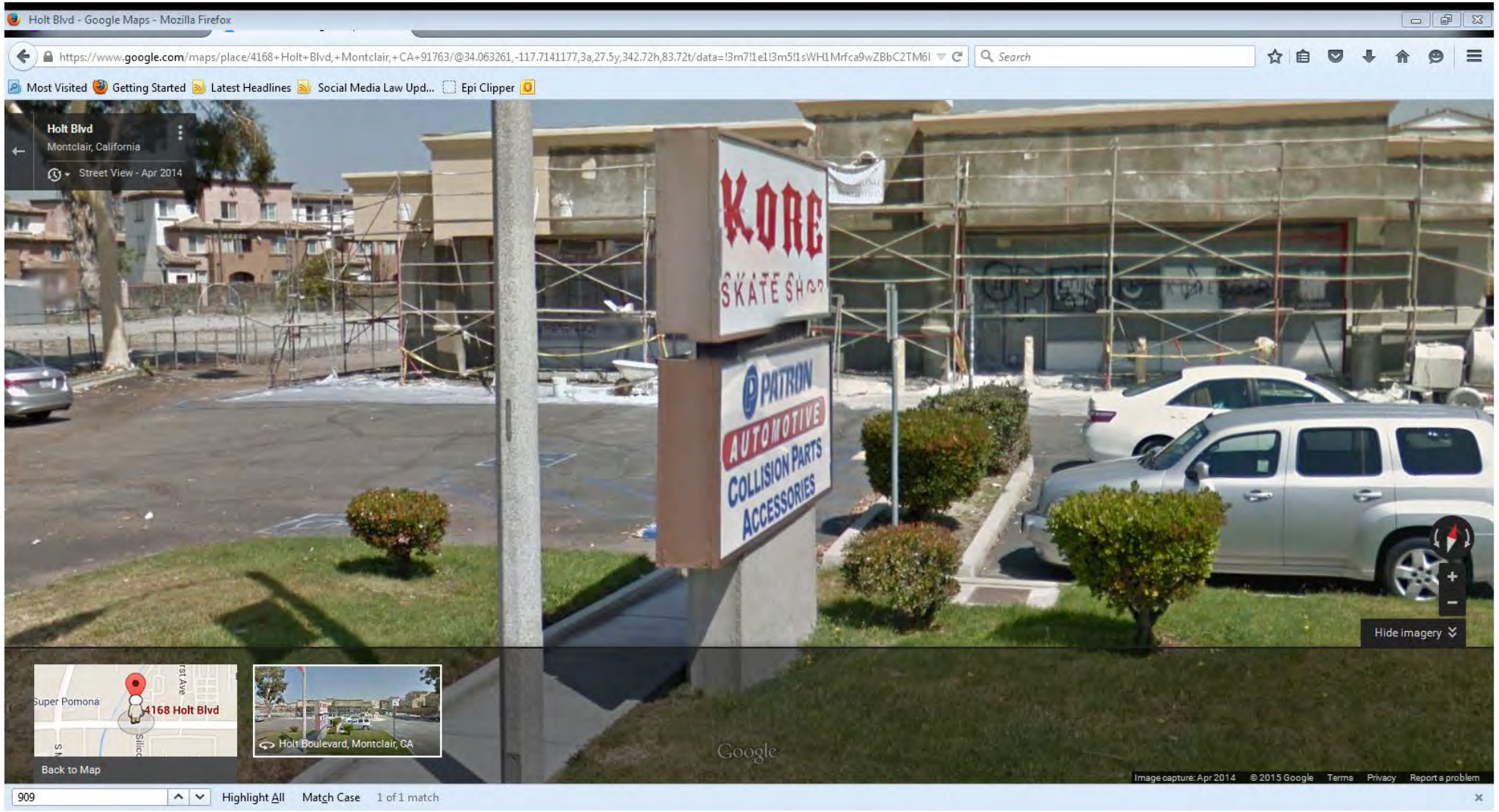
| Add to watch list

Seller information
gabrielsaccessories (178)
100% Positive feedback

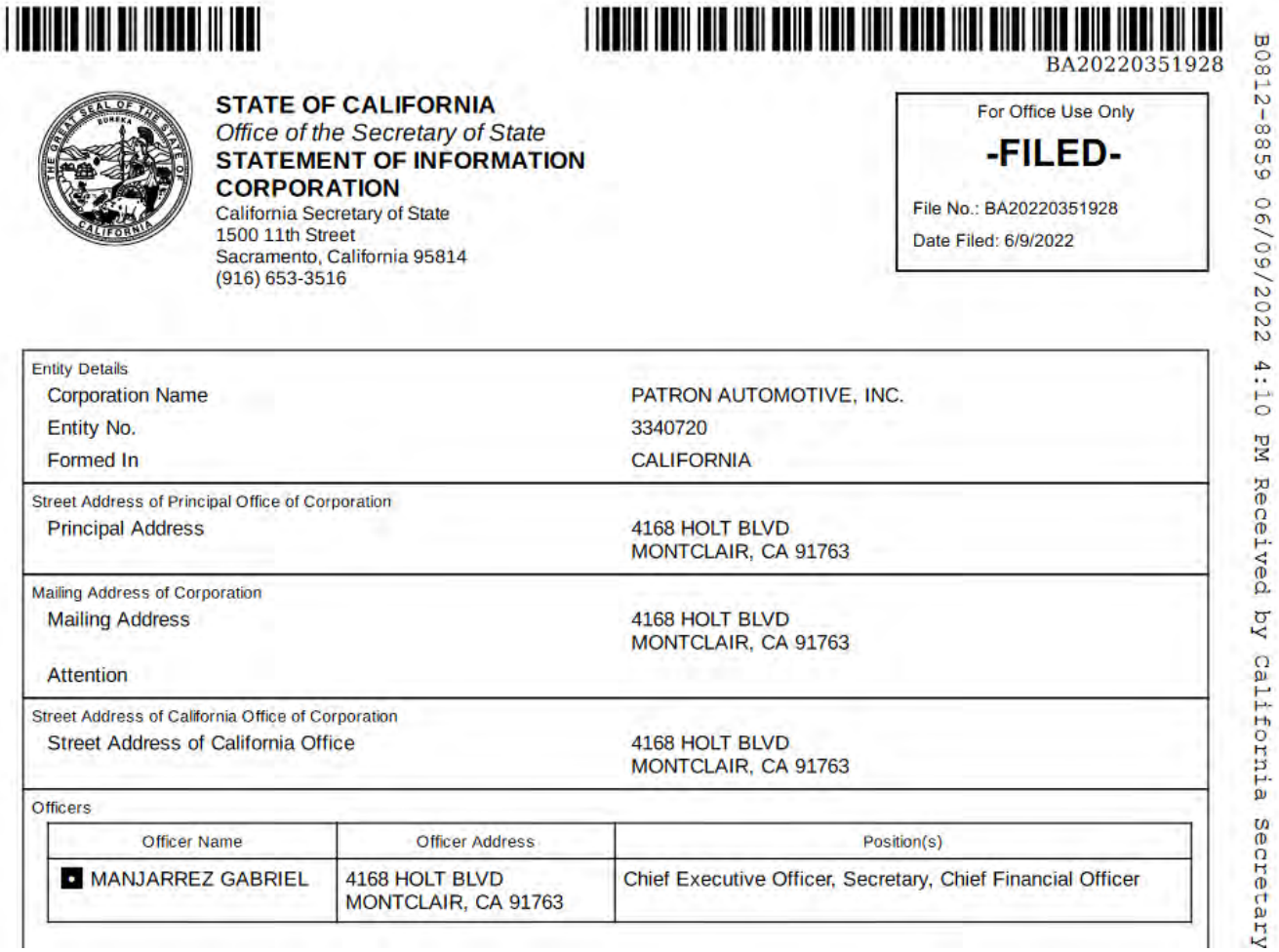
Follow this seller

See other items

Address search on maps.google.com



Secretary of State Look up



BA20220351928

STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION
California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 653-3516

For Office Use Only
-FILED-
File No.: BA20220351928
Date Filed: 6/9/2022

B0812-8859 06/09/2022 4:10 PM Received by California Secretary

Entity Details

Corporation Name	PATRON AUTOMOTIVE, INC.
Entity No.	3340720
Formed In	CALIFORNIA

Street Address of Principal Office of Corporation

Principal Address	4168 HOLT BLVD MONTCLAIR, CA 91763

Mailing Address of Corporation

Mailing Address	4168 HOLT BLVD MONTCLAIR, CA 91763
Attention	

Street Address of California Office of Corporation

Street Address of California Office	4168 HOLT BLVD MONTCLAIR, CA 91763

Officers

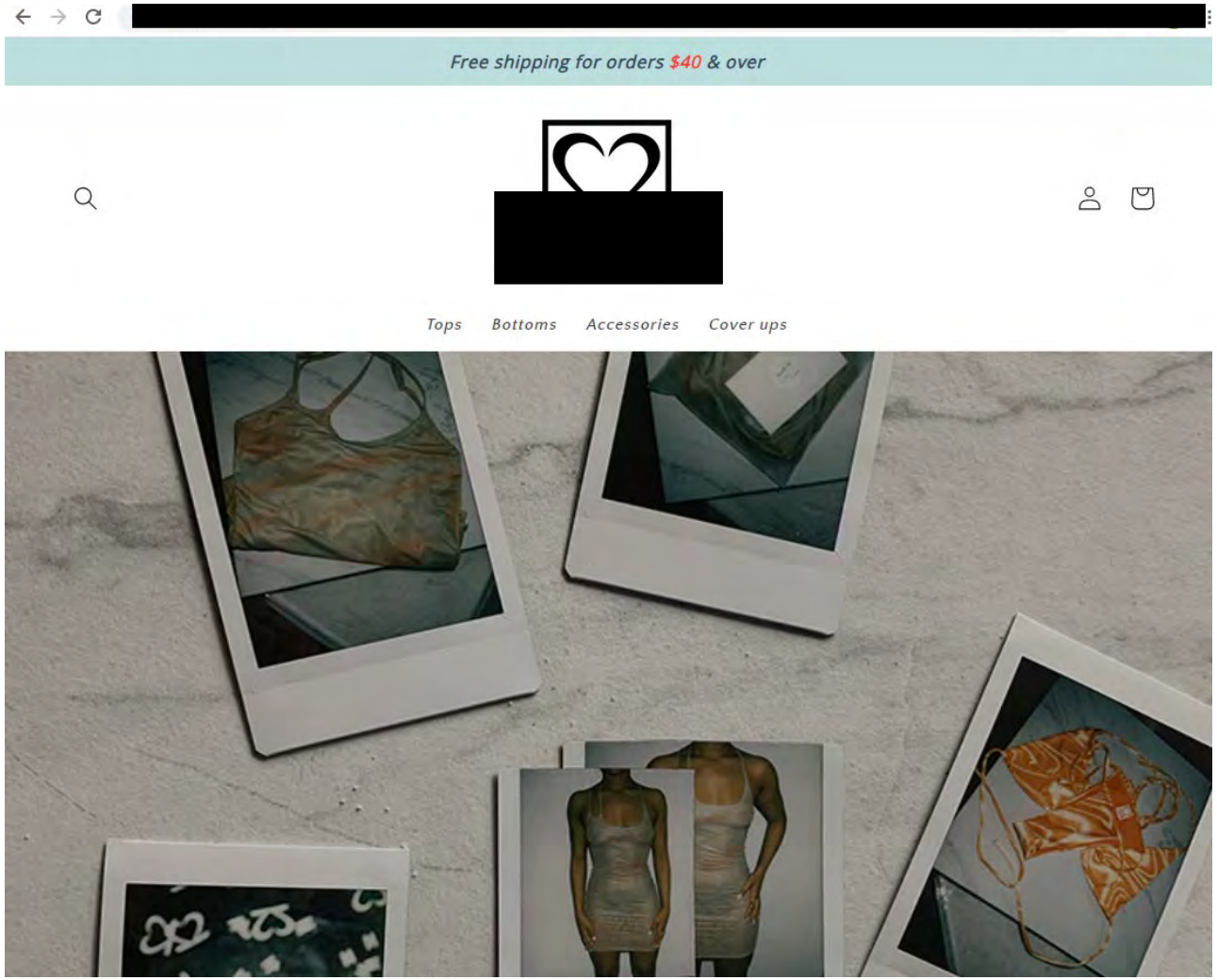
Officer Name	Officer Address	Position(s)
■ MANJARREZ GABRIEL	4168 HOLT BLVD MONTCLAIR, CA 91763	Chief Executive Officer, Secretary, Chief Financial Officer

Example

Trademark litigation – Unknown to Known

HetheringtonGroup

We were given …



Workflow

- Two company websites reviewed for identifiers
  - Address and phone number were not personal
  - Companies were not registered
- Identified social media profiles
  - Same username across multiple platforms, same nickname used
- Profile review to look for identifiers
  - Found many photos of the user including her face
  - Found YouTube video captioned with her age
  - Found references to her being from Dallas, Texas and recently relocating to Miami, Florida

Workflow

- Reverse image searches
  - No match
- Review of Twitter activity
  - Mentions led to month and day of birth on Twitter
  - Found historical Twitter location on post from Grand Prairie, Texas
- People search based on known identifiers (locations, date of birth, nickname)
  - Found one individual who fit the profile
- Social media search for possible matches
  - Found Facebook profile by name and location with matching photo, confirmed it was the correct user

New Online Financial Crimes

Follow the Digital Money

HetheringtonGroup

Money Sharing Apps

Venmo – The Cash King

HetheringtonGroup

MarketWatch

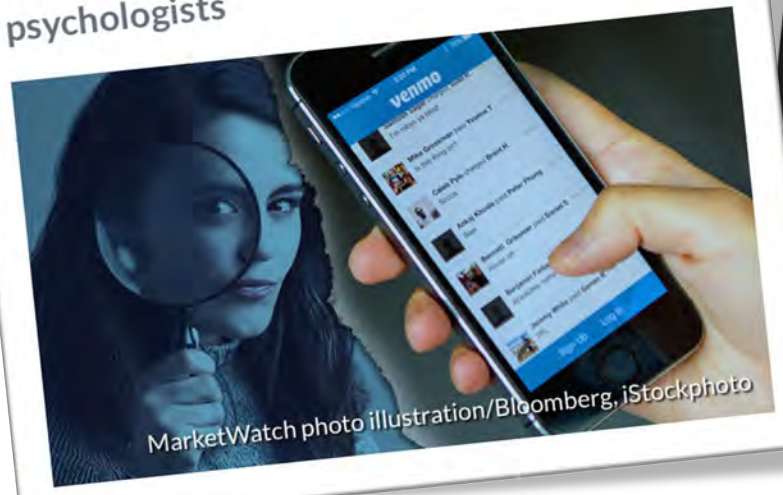
Home › Personal Finance

People use Venmo to spy on cheating spouses—it's proving more effective than Facebook

By Leslie Albrecht
Published: July 3, 2018 1:06 p.m. ET

SHARE COMMENTS 28

The mobile-payment app is an effective tool for aspiring detectives and would-be psychologists



MarketWatch photo illustration/Bloomberg, iStockphoto

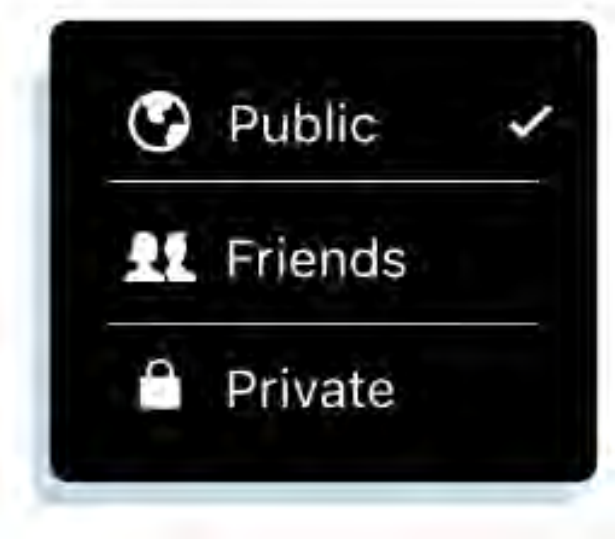
GET THAT MONEY | MAR. 27, 2019

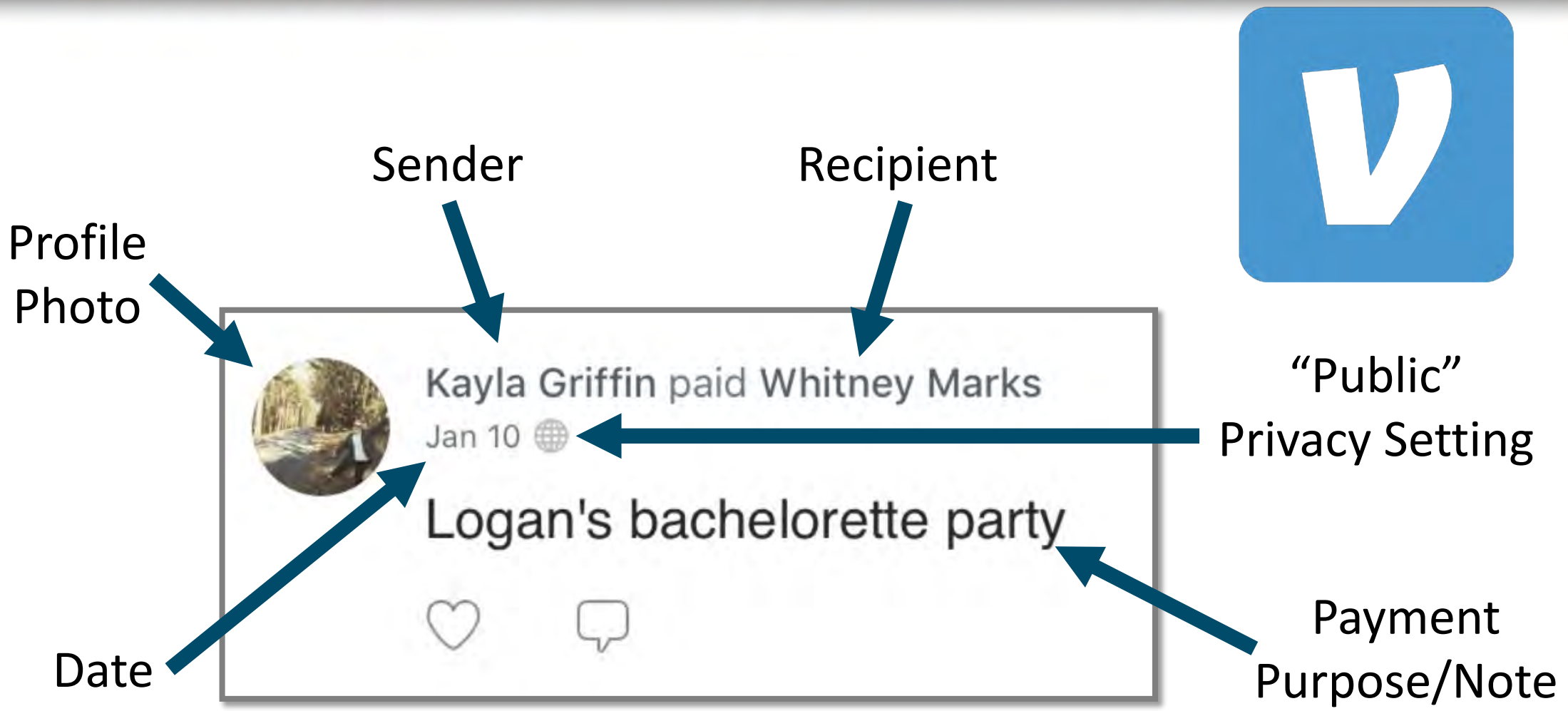
Why Is Stalking People on Venmo So Addictive?

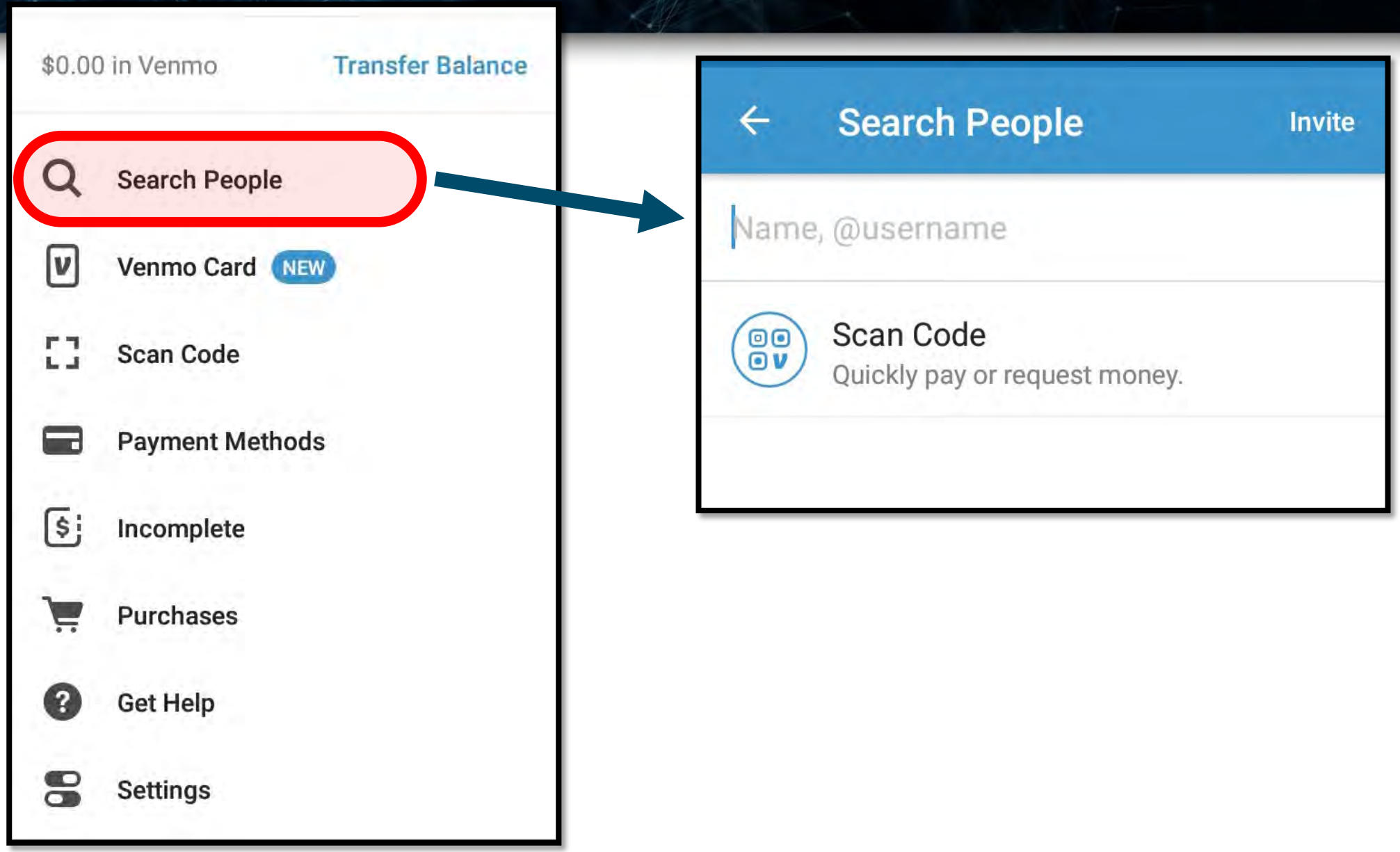
By Madison Malone Kircher @4evrmalone

Value for Investigations

- Transaction information (sender, receiver, date, and purpose) and public by default
- Publicly viewable friends lists are curated from imported phone contacts and Facebook friends
  - Contacts who also use Venmo are then added to the user's "Venmo friends" list, which is public and cannot be hidden
- Searchable database of 78 million users
  - Many users have uploaded their photo to their Venmo profile
  - Many users have kept default (public) privacy settings, allowing you to see entire transaction history




Sender
Recipient
Profile Photo
Kayla Griffin paid Whitney Marks
Jan 10
Logan's bachelorette party
"Public" Privacy Setting
Date
Payment Purpose/Note


$0.00 in Venmo
Transfer Balance
Search People
Venmo Card
NEW
Scan Code
Payment Methods
Incomplete
Purchases
Get Help
Settings
Search People
Invite
Name, @username
Scan Code
Quickly pay or request money.

Search People

Invite

Nick Emenhiser

Nick Emenhiser

@NIE91

Add friend

91 Friends

FEED

BETWEEN YOU

Nick Emenhiser paid Ryan Zsupnik

12d

1

Nick Emenhiser paid Benjamin Stokke

Aug 9

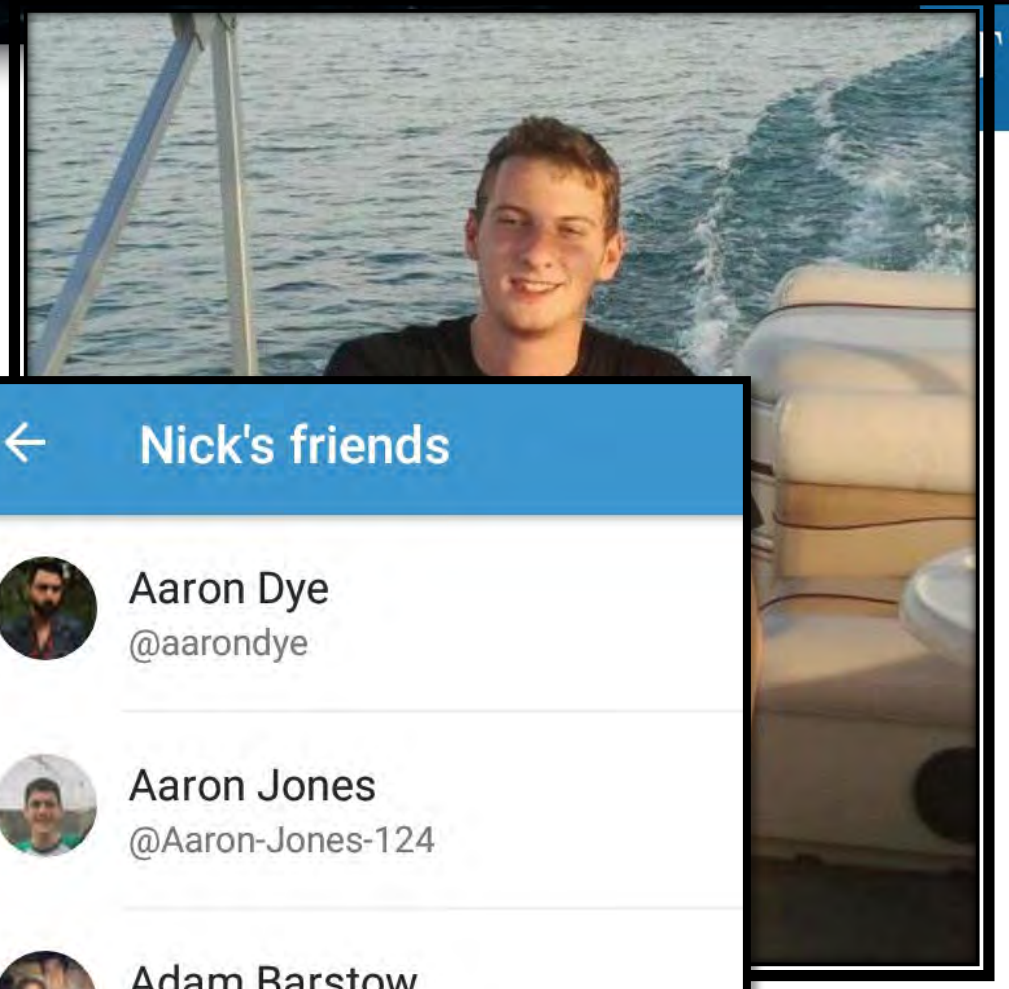
Walmart

Nick Emenhiser

@NIE91

Add friend

91 Friends



Nick's friends

Aaron Dye

@aarondye

Aaron Jones

@Aaron-Jones-124

Adam Barstow

@Adam-Barstow

Anthony Blank

@Anthony-Blank

Follow the Money

Jenna Passin charged Arielle Podolski

last electric bill

on Thursday at 08:27PM - Comments (0)

Scott Pledger paid Riley Pfaff

Aug 22, 2019 at 2:53 PM Public

Utilities

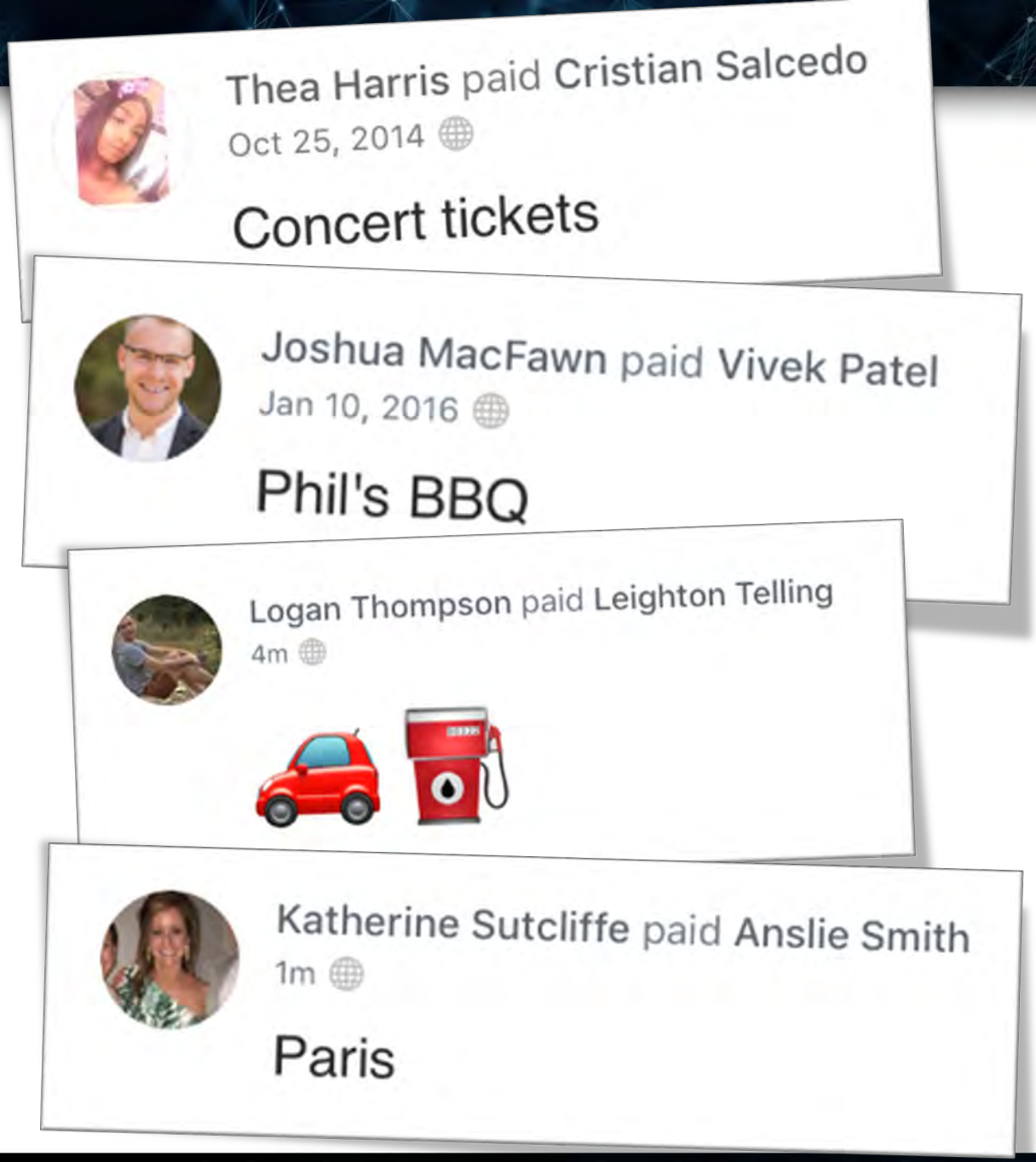
Sonia Keiliches paid Tricia Carpino

Rent

on Friday at 11:18PM - Comments (0)

Like 0

…right to their doorstep



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The Dark Web

Black Market is alive and well

HetheringtonGroup

Dark Web

- The Dark Web is classified as a small portion of the Web that has been intentionally hidden and is inaccessible through standard web browsers
- The most famous content that resides on the Dark Web is found in the TOR network
- The TOR network is an anonymous network that can only be accessed with a special web browser, called the TOR browser
- This is the portion of the Internet most widely known for illicit activities because of the anonymity associated with the TOR network

In a nutshell what is dark web?

- Nameservers (also called DNS servers) are like phone books for the internet.
- They resolve domain names to IP addresses

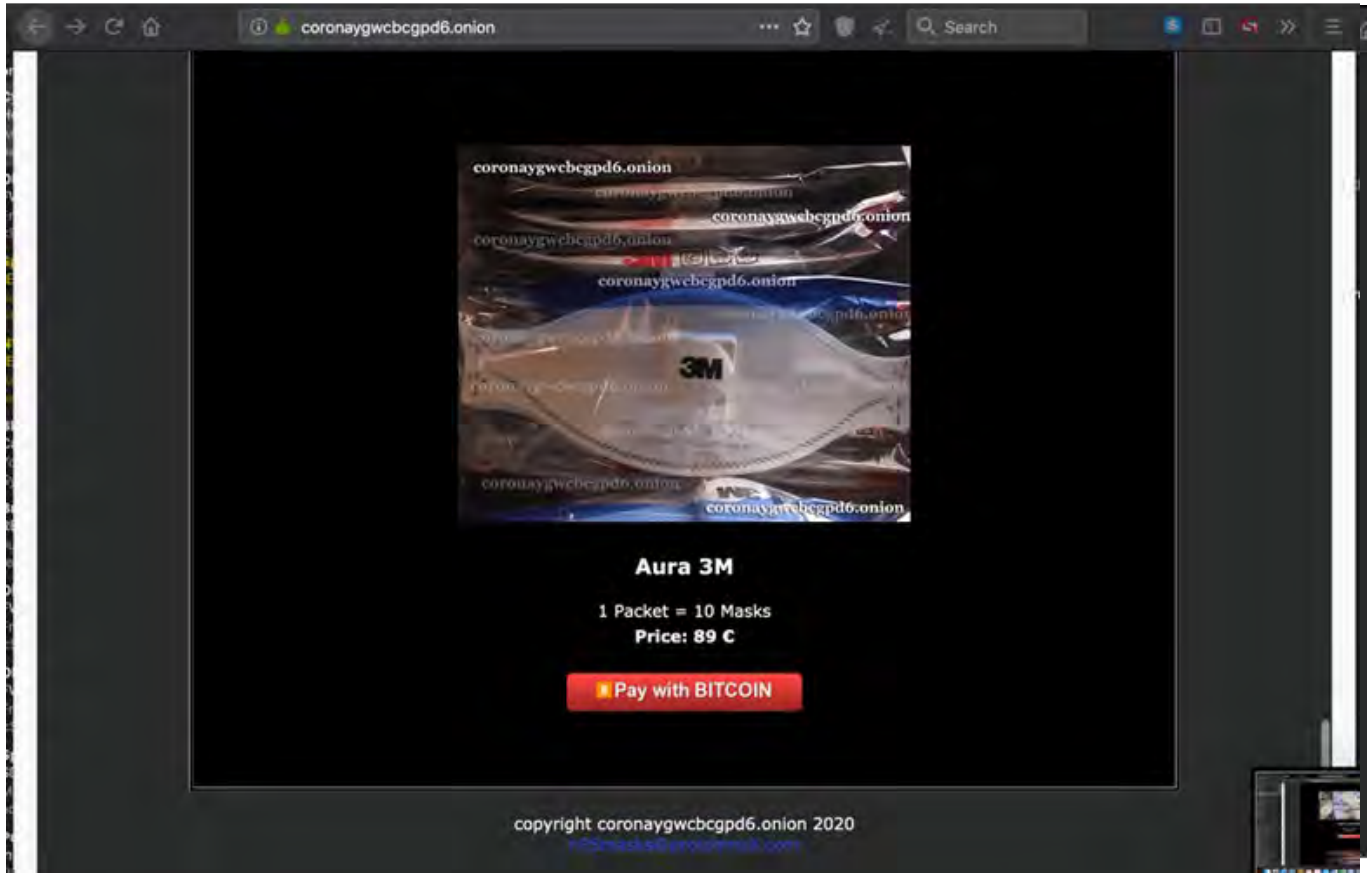
EXAMPLE

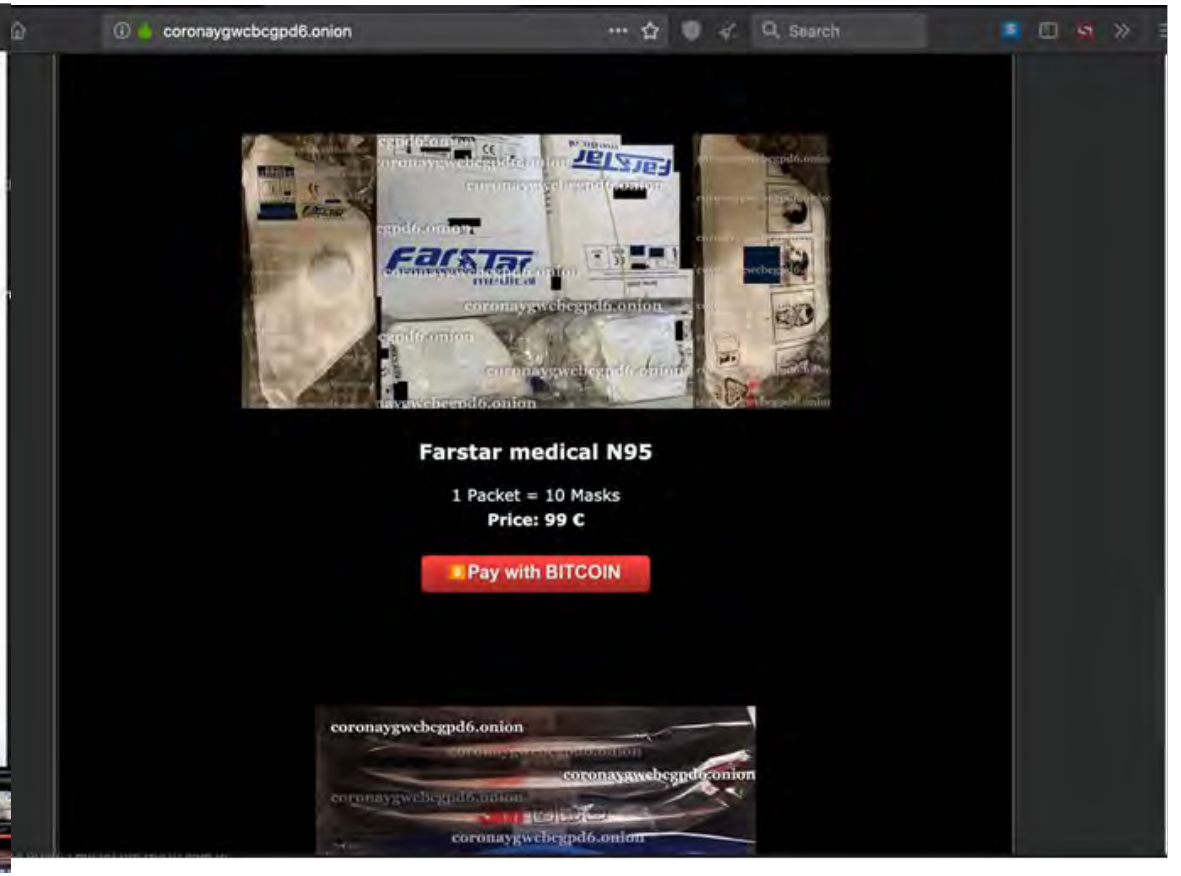
Nj.gov
acfe.com
hetheringtongroup.com

199.20.64.195
13.85.16.224
209.177.145.48

- Dark web sites don't resolve to a DNS server, and are only temporarily accessible.
- Resistant to indexing, so little Google can do.
- Requires special browser (i.e. Tor) to search this internet within an internet.

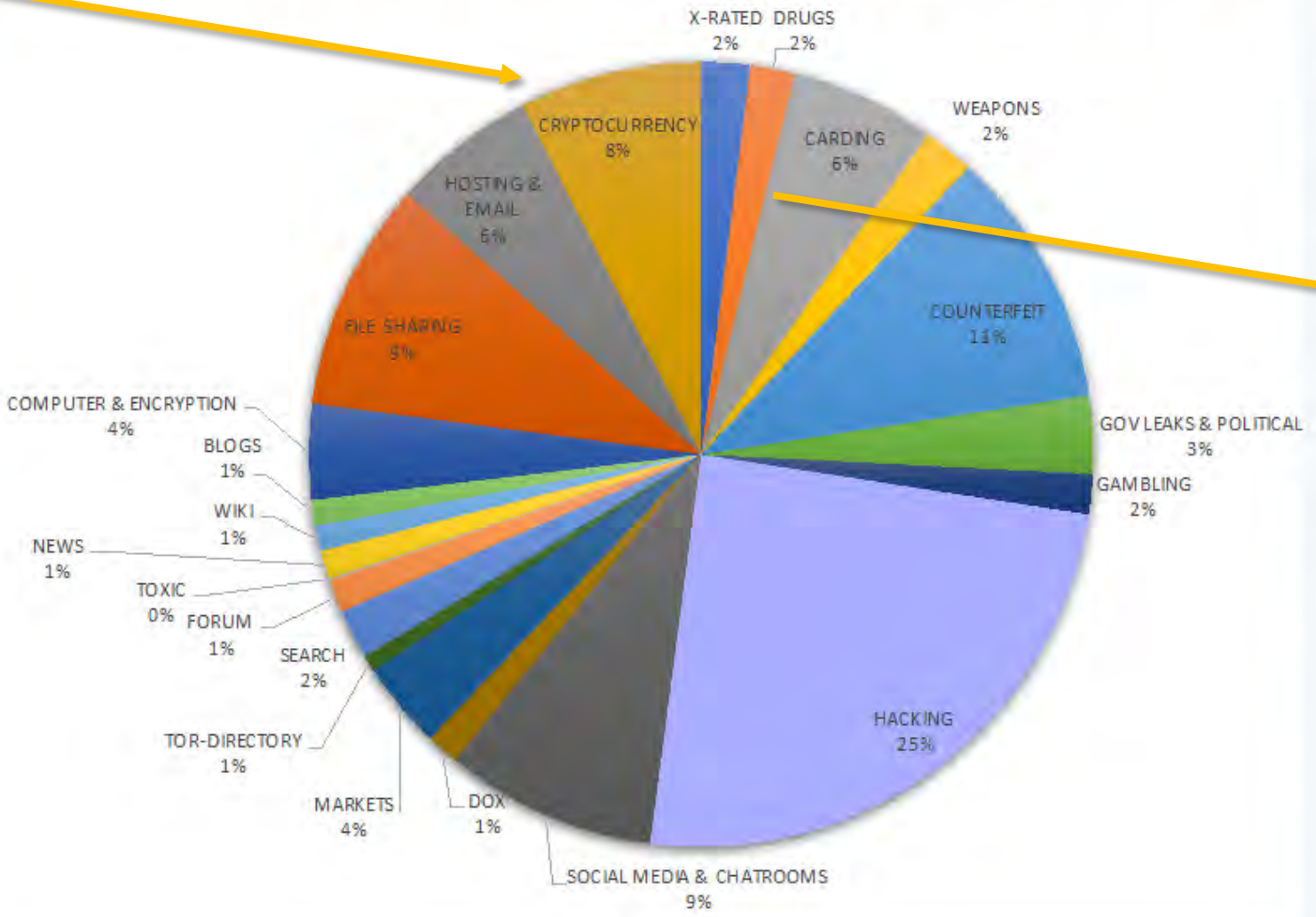
Whatever the hot commodity is





TYPES OF CONTENT ON THE DARKNET

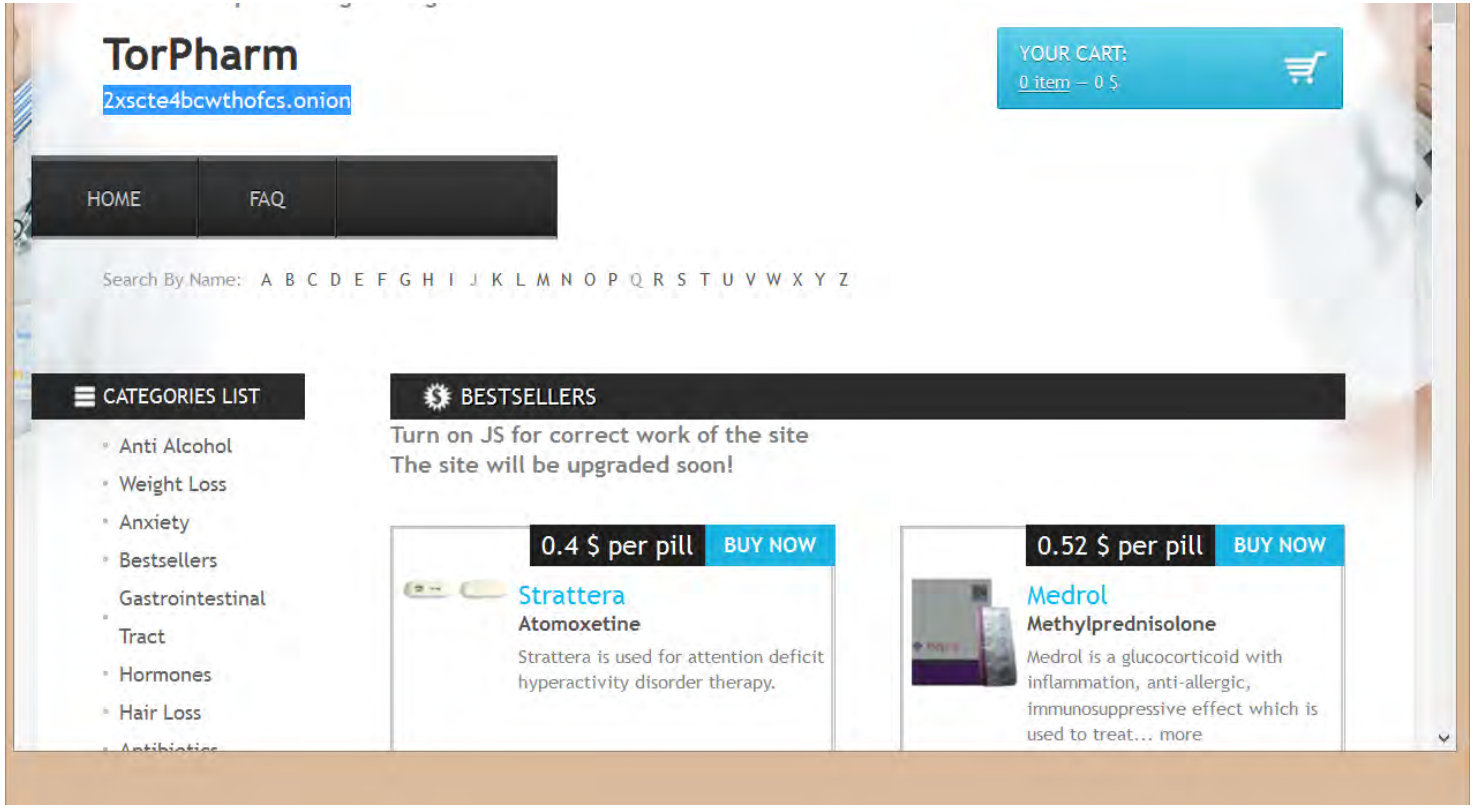
Our darknet experts performed a review and categorization of the 58,760 Tor and I2P sites in our database at the time of analysis



LEADING CONTENT SEGMENTS

- HACKING SERVICES & FORUMS
- COUNTERFEITERS
- CRYPTOCURRENCY SERVICES
- HOSTING & EMAIL
- DARKNET MARKETPLACES
- HIDDEN WIKIPEDIAS
- FILE SHARING
- COMPUTER & ENCRYPTION
- CARDING & DOXXING

Black Market Online



http://2xscte4bcwthofcs.onion.link/index.html

http://ev3h5yxkjz4hin75.onion/wiki/index.php/Main_Page

Where to find the inside scoop

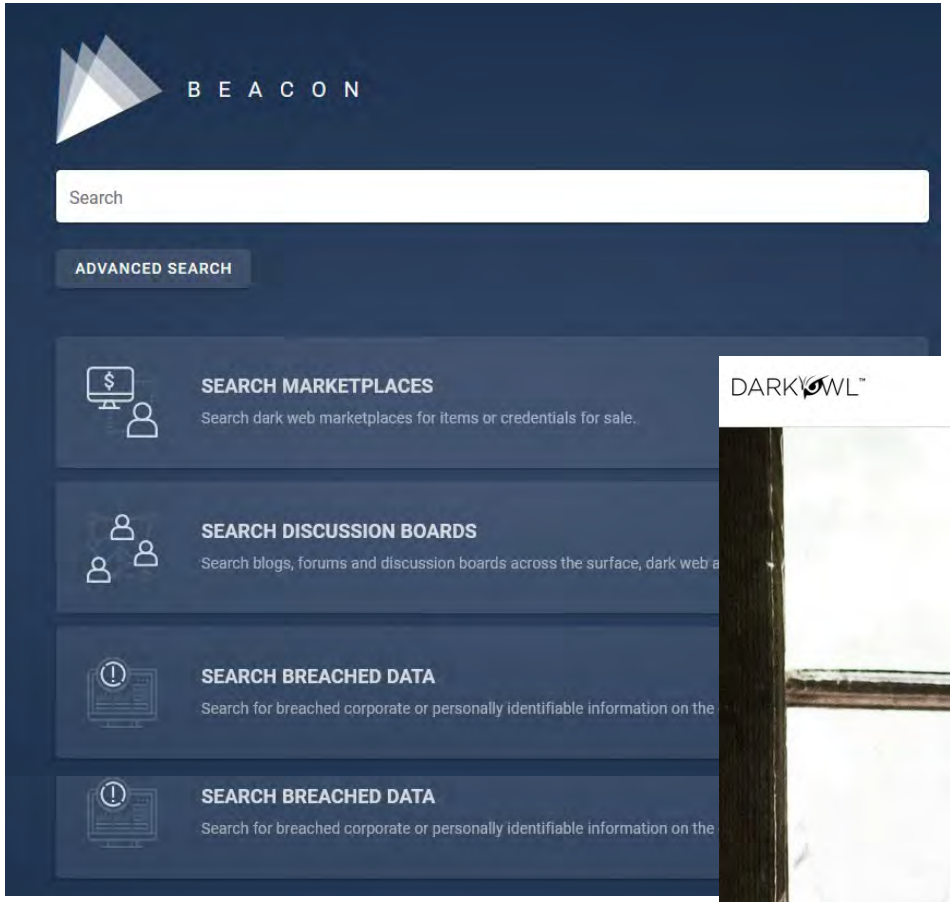
- With Hansa, Alphabay and Silkroad all history, where do we look for content, ideas, brands and goods?
- The answer is Reddit!
- The answer is Google
  - Even bad guys needs to get their markets started, and everyone starts with Google

Reddit

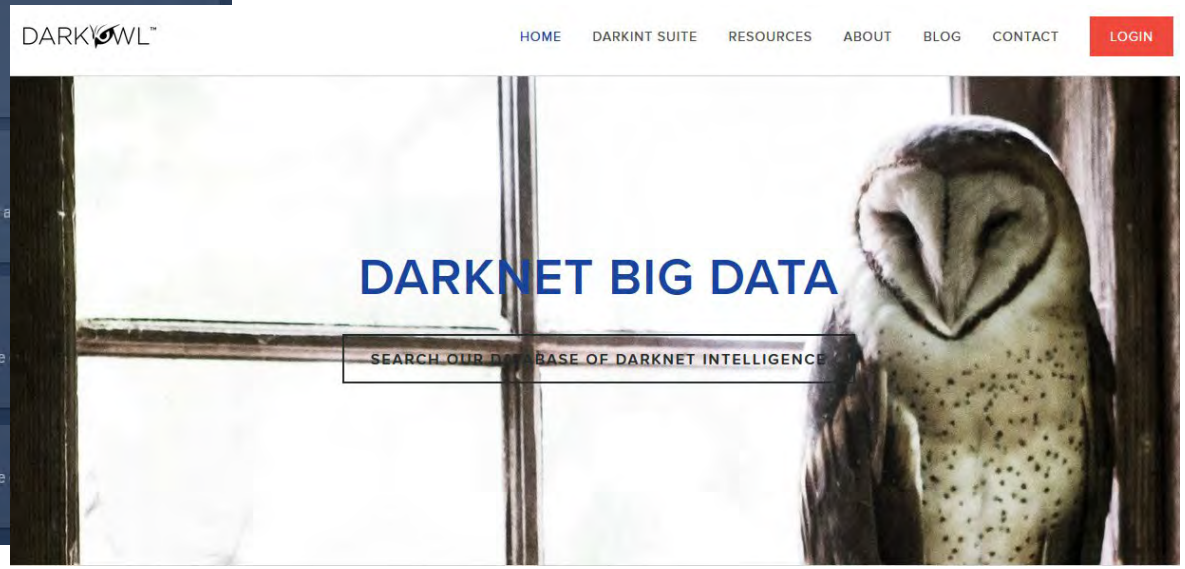
- Reddit is accessible without having an account
- My entry to the dark web
- People will share everything here, including the truth
- Advanced Search tools in Reddit

subreddit:*subreddit*
find submissions in "subreddit"
author:*username*
find submissions by "username"
site:*example.com*
find submissions from "example.com"
url:*text*
search for "text" in url
title:*text*
search for "title" in post contents
self:*yes* (or self:no)
include (or exclude) self posts
nsfw:*yes* (or nsfw:no)
include (or exclude) results marked as NSFW

Dark Web, the efficient way



_IntelligenceX



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The Future of the Internet

The Metaverse takes on Reality

HetheringtonGroup

The Metaverse

- Computer generated, entirely virtual realities to log into and interact with other users (think Second Life)
- Web 3.0 – decentralized, trustless, permissionless token-based economy on the blockchain
- Not clear understanding or protection from: fraud, identity theft, user age limits, protection from criminals and exploitation
- Lack of data privacy, cybersecurity, and regulation

The metaverse

Trademarking the metaverse

- Several frontrunners (particularly from China) have already filed hundreds of metaverse-related trademark applications, including “metaapp”
- Nike recently filed 7 metaverse trademarks

End Notes

- OSINT has many facets, financial research in this space is one of them
- Don’t overlook traditional databases and resources for FinOSINT research
- The future of money and how we view currency, what we value, will alter crime, but only in its vehicles, intent still remains
- Dark web is a major channel for all criminal activity
- The future of the internet continues to change and challenge us in subtle ways – yet history is still repeating itself

Thank you.
Connect with Hg & Me.

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An Association for OSINT Professionals

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President and CEO

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Expert Investigations and Intelligence Services