

# SANS OSINT Workshop Handout

This handout accompanies the "SANS\_SecAwarenessSummit\_OSINT\_Workshop\_vX.pdf" file that you can find on the SANS Security Awareness Summit web site. It is meant to summarize some of the content and make it more accessible. The presentation, conducted at the SANS Security Awareness Summit in August 2019 in San Diego by Micah Hoffman, was not recorded.

## Module 1: Bookmarks and Links

- <https://osintframework.com>
- <http://osintframework.de>
- <https://intelx.io/tools>
- <https://yoga.osint.ninja>

## Module 2: Search Engines

- <https://google.com>
- <https://duckduckgo.com>
- <https://bing.com>
- <https://yandex.com>

## Operators/Directives

Operator	Function	Example
<b>"" (Quotes)</b>	Group terms together. Terms must appear in results as they do in the quotes.	"SANS Security Awareness"
<b>- (Dash)</b>	Negate term or directive. Do not show results with this content.	-WebBreacher -"micah Hoffman"
<b>site:</b>	The results must be indexed from the domain/URL specified.	site:sans.org site:www.sans.org/event
<b>filetype:</b>	The filetype or file extension of the results.	filetype:pdf
<b>OR</b>	One term or another	micah OR webbreacher

## Search Examples

Operators	Outcome
<b>"micah hoffman" OR "webbreacher"</b>	Results must have either the words micah hoffman in it or the word webbreacher
<b>"micah hoffman" -site:sans.org</b>	Results must have micah hoffman in them and NOT be from the sans.org domain
<b>site:.gov filetype:xlsx</b>	Results must be from a *.gov domain and be an Excel XLSX document
<b>newsletter church OR temple OR mosque -sample - example -template -site:.com</b>	Results must have the word newsletter in it and either church, temple, or mosque and none of the words sample, example, template and not be from a .com domain

## Module 3: OSINTing Usernames

- <https://namechk.com>
- <https://checkuser.org>
- <https://OSINTCurio.us> 10 Minute Tip - <https://youtu.be/Bbrve9OppnM>

## Module 4: Using Breach Data

- <https://haveibeenpwned.com>
- <https://spycloud.com>
- <https://dehashed.com>
- <https://weleakinfo.com>

## Conclusion

- Sites that help you remove your information from people search engines to gain better privacy: <https://inteltechniques.com/data/workbook.pdf> and <https://the.osint.ninja/optoutdoc>
- Segment your life by using different usernames, passwords, and profile avatars.
- Monitor your email addresses for discovery in breach data
  - Change any passwords on sites where breached data was disclosed and on other places you might have used the same usernames and passwords.
- Visit <https://osintcurio.us> and follow their Twitter account @OSINTCurious (<https://twitter.com/osintcurious>) to stay up-to-date with OSINT news and techniques.
- For more training on OSINT, consider taking the 6 day SANS SEC487 OSINT class (<https://sans.org/sec487>).