

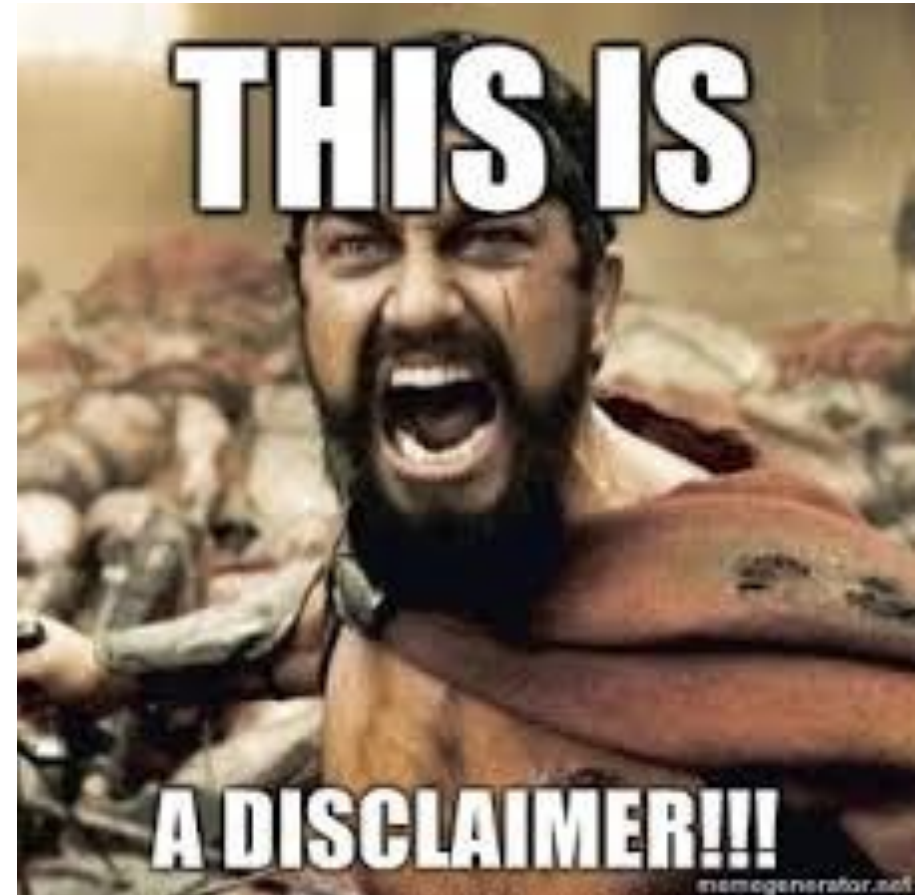
Weapons of a Hacker

Live Demonstration of Offensive Security

Disclaimer

This presentation is intended for educational purposes only. All hacking techniques discussed are to be used ethically and responsibly. Unauthorized hacking and cybercrime are illegal and punishable by law. Always seek proper authorization and adhere to ethical guidelines in your security assessments.

Demonstrations, thoughts and opinions expressed in this presentation and this gathering as a whole belong to me and do not express the views, opinions and business of my employer.



Introducing your presenter

Kc Udonsi

Ethical Hacker, Technical Trainer

Active community member DEFCON Toronto (DC416)

Technical trainer - C/C++ Vulnerabilities @ ost2.fyi

Sessional lecturer - Computer and Network Security @ U of T

Security Engineer, TD Bank

Senior Security Researcher, Trend Micro

Lead Security Researcher, Arctic Wolf

Hacker, Mentor

[@glitchnsec](#)

kcu@securecybernaut.com

glitchnsec.github.io



Welcome

Tooling show and tell

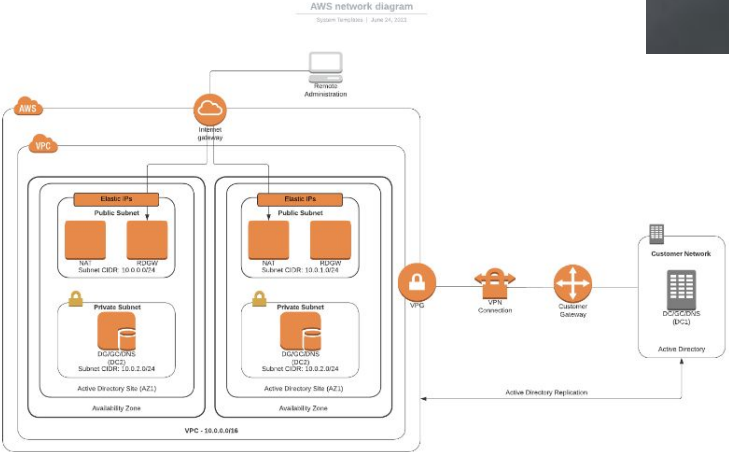
Me when I guess the password to
my own email:



STAGE 2

BREACHING THE PERIMETER

Choose your perimeter



BREACHING THE PERIMETER

**SOCIAL ENGINEERING,
VULNERABILITIES, PHYSICAL
SECURITY**

THE PERIMETER - NETWORKS

SOCIAL ENGINEERING & PHISHING



THE PERIMETER - LOCKS & HID ACCESS CARDS

INTERACTIVE DEMO

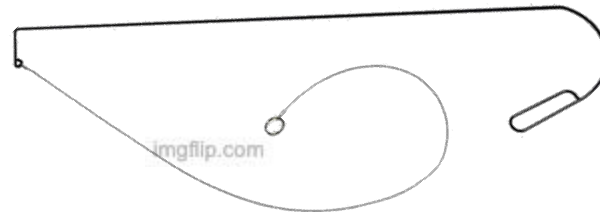




**THROUGH
THE LOCK**

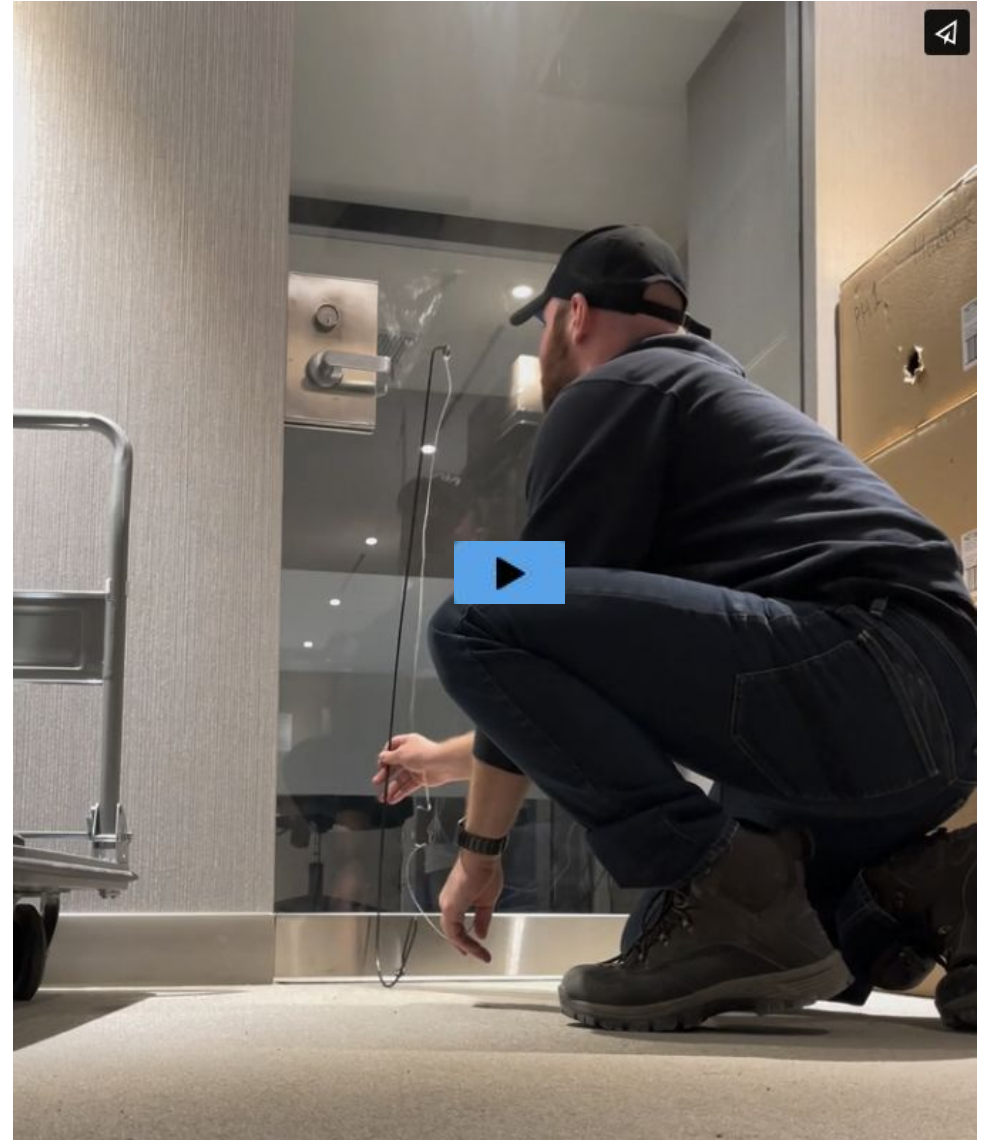


**UNDER
THE DOOR**



THE EASY WAY

UTDT = Under the door tool



THE EASY WAY

UTDT = Under the door tool



BREACHING THE PERIMETER

MALICIOUS USBS AND CABLES

THE PERIMETER - SMART PHONES

PHONES LOVE & TRUST...



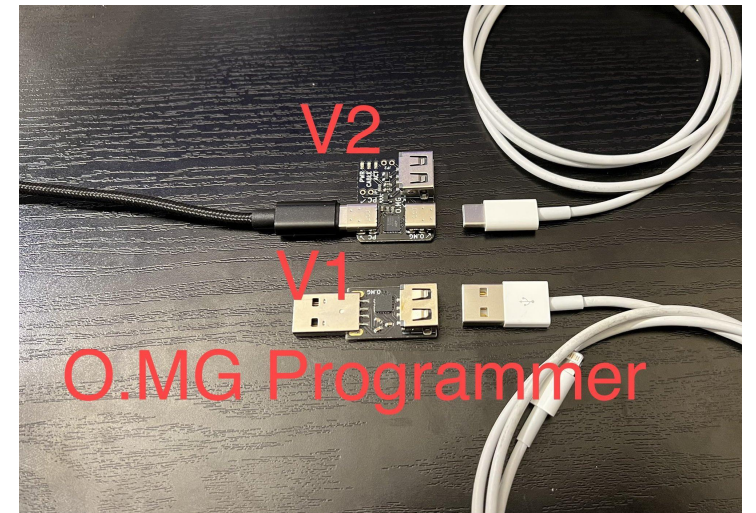
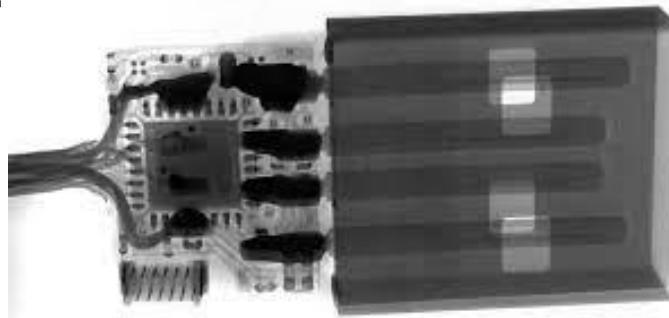
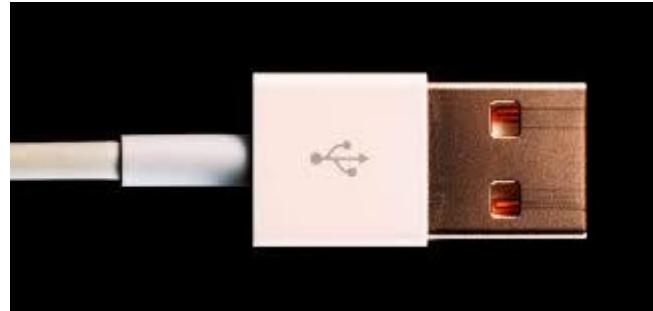
INTRODUCING THE O.MG CABLE

PHONES LOVE & TRUST CABLES



INTRODUCING THE O.MG CABLE

HOW THIS SPY CABLE WORKS...



INTRODUCING THE O.MG CABLE

MOBILE PHONE HACKING TIME



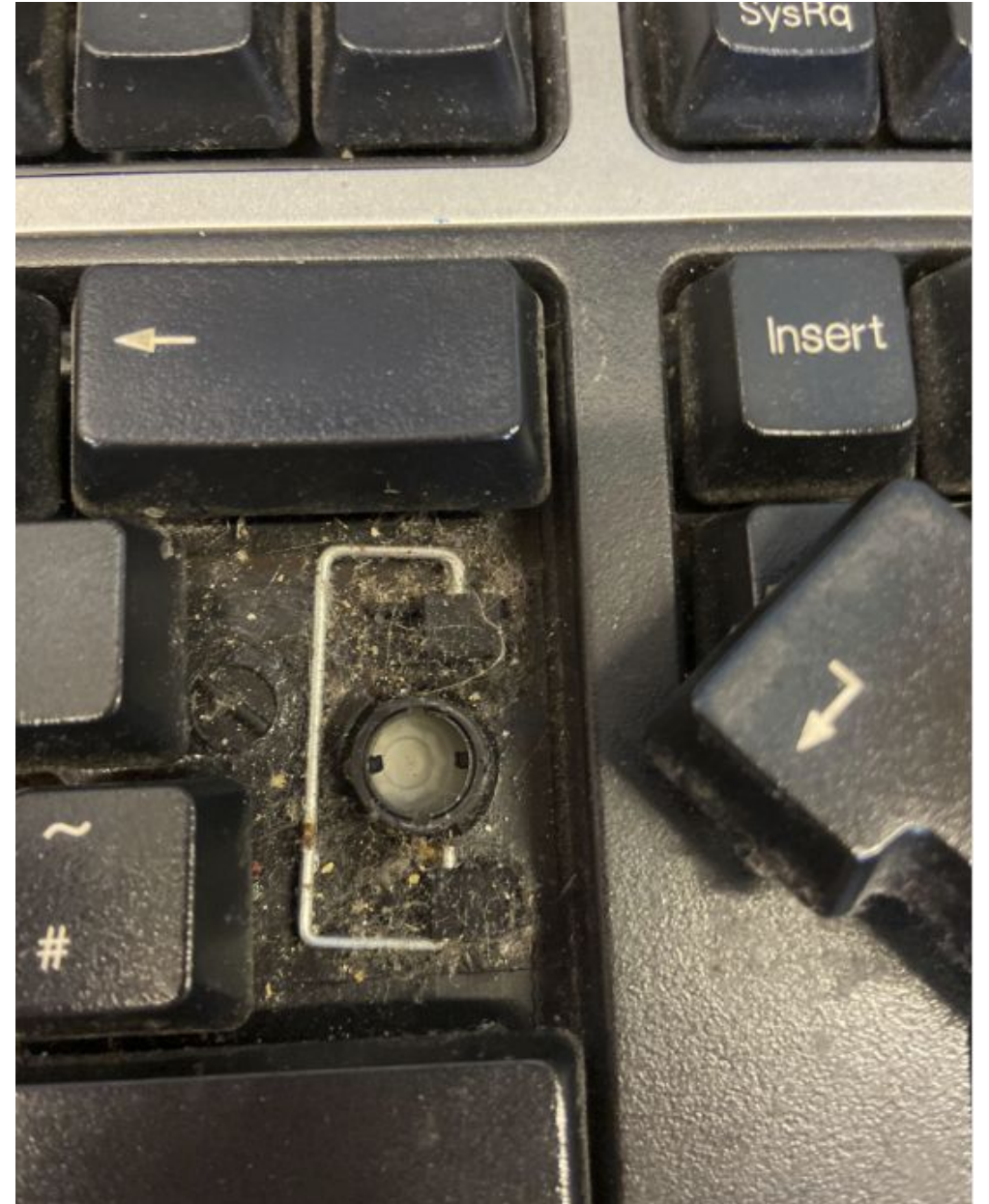
THE PERIMETER - WORKSTATIONS

COMPUTERS LOVE & TRUST KEYBOARDS



HOWEVER....

KEYBOARDS CAN BE NASTY



WHY NOT?

ESPECIALLY WHEN THEY
LOOK LIKE A USB



WHAT DO YOU DO WHEN YOU SEE

UNATTENDED/UNLOCKED WORKSTATIONS?



**FAST TYPE
(FAT FINGER)
YOUR WAY
TO A BACKDOOR**



**USE
INJECTED
KEYSTROKES**

INTRODUCING THE USB RUBBER DUCKY

AUTOMATED KEYSTROKE INJECTION



INTRODUCING THE USB RUBBER DUCKY

DEMO TIME!!!



Thank you!



Demo tech courtesy of ...

Nick Aleks

Chief Hacking Officer, **ASEC**

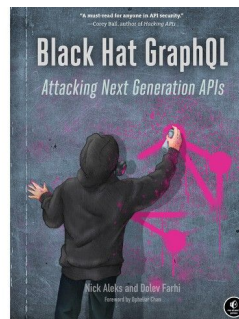


Toronto Cybersecurity Leader
Founder DEFCON Toronto (Largest Canadian Hacker Community)
Distinguished Security Engineer, TD Bank
Head of Security, Wealthsimple
Author of Black Hat GraphQL
Author of Black Hat Bash
Hacker

@Nick_Aleks

naleks@asec.io

www.asec.io





LEARN MORE ...



GET IN CONTACT

CYBER QUESTIONS?



Call us

+1 (833) 650-1337



Website

www.asec.io



Email

naleks@asec.io



Address

18 King Street East, Suite 1400

Toronto, Ontario, M5C 1C4 Canada

