

# Self Introduction

Asmae Bni

# Self introduction



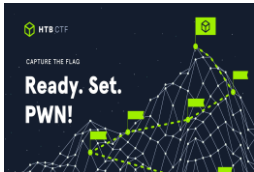
Born in Morocco and a Swedish citizen

Speaks 5 languages

Proud owner of my cat Wasabi



Loves the great outdoor



Participate in capture the flag competitions

# Studies

- Bachelor in Computer science
- Master Code, cryptography and information security
- Averroes Erasmus Mundus scholarship
- Master degree in Information technology
- Master thesis: A metric for anonymity based on subjective logic.



# Work experience

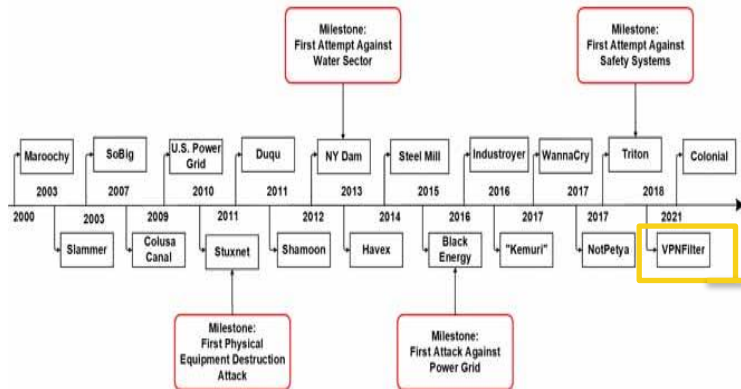
## Security engineer

- Security testing
- Threat Modeling
- Secure Development
- Incident response

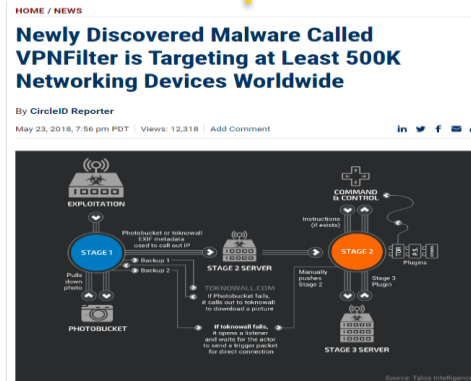


# Research project

« Integrated Safety and Security for Autonomous Systems against Cyber-Physical Attacks. »



<https://ieeexplore.ieee.org/document/9638617>



<https://blog.talosintelligence.com/vpnfilter/>

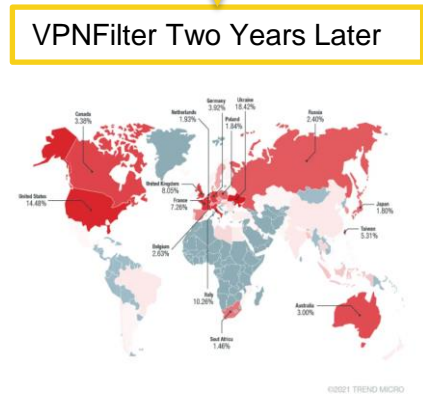


Figure 3. Breakdown of the remaining infections by country.

# Research project

- Goal:
  - The autonomous systems should operate safely under a detected cyber physical attack
- Research questions:
  - How to detect when the system is under cyber physical attack?
  - How to design the safety mechanisms to retrieve the system to a safe state when compromised by an attacker?

**THANK YOU !**