



# FROM COP TO SOC

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Applying criminal justice theories in cybersecurity.

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# whoami

Law Enforcement – State of Ohio

Task Force Officer, DFIR – US Secret Service

Staff Cyber Intel Analyst – GE Aviation

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**Mom of 2 amazing kiddos**

**Avocado belongs on toast**

**I sing loudly in the car**

**Vanilla Ice follows me on Twitter**

**My first computer was a Tandy 1000**



# AGENDA

- 1 | Societal Impact
- 2 | First Responders vs. Incident Responders
- 3 | Criminal Justice Theories
- 4 | The Psychology of Cybercrime
- 5 | Victimization
- 6 | Key Takeaways

# Societal Impact



# First Responders

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High stress, high stakes

Requires you to think quickly on your feet

Solve complex problems by unraveling the events to find the root cause

It's dynamic, ever changing and no two days are exactly the same

Fast paced, constantly changing

Learn new things daily

Many sources of data

# Incident Responders

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High stress, high stakes

Requires you to think quickly on your feet

Solve complex problems by unraveling the events to find the root cause.

It's dynamic, ever changing and no two days are exactly the same.

Fast paced, constantly changing

Learn new things daily

Many sources of data



# Criminal Justice Theories

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In Cybersecurity? Huh...

# Routine Activities Theory

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The organization of a routine creates opportunity for crime.

Where someone works, eats, socializes, the places they frequent, all play a part in and strongly influence when, where, and to whom crime occurs.



# Social Control Theory

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Conformity is produced by socialization.

Crime is a direct result of a weak or broken connection to society.

# Social Construction Theory

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Crime is defined by those in power.

Those that make the laws and ultimately define the punishment control the views.



# Broken Window Theory

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# Community Policing

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Engage in the community

Build lasting relationships

Open lines of communication

-EMAIL ACCOUNT SETUP-  
TO VERIFY YOUR IDENTITY,  
WE NEED TO ASK YOU A  
QUESTION NOBODY ELSE  
COULD ANSWER.



Q: WHERE ARE THE  
BODIES BURIED?

A:



# Psychology Behind Cybercrime

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“I don’t understand why you are so upset about what I did, there are no real victims”

Suspect on a Case

329.5

MILLION

People In The US

1/4

Victims

Of Cybercrime a Year

82.3 MILLION = 1/4th

2.2

MILLION

People That Reported

\*IC3 Annual Report

# Key Takeaways:

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Understand that psychology plays a large part in cybercrime and cybersecurity

Treat those impacted as victims

Your incident responders need to be treated just like first responders

It is a hard transition, be cognizant of employees coming from government

For those who are, you are still mission critical, you are still making an impact



Let's Connect!

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**Questions?**