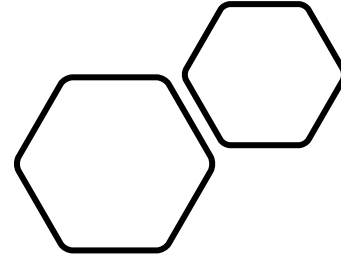
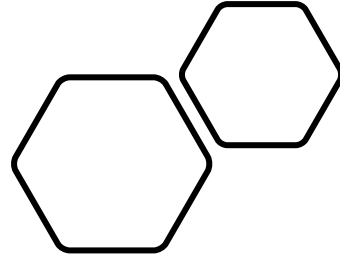


Cybersecurity



Matthew Kunzman

Who am I?



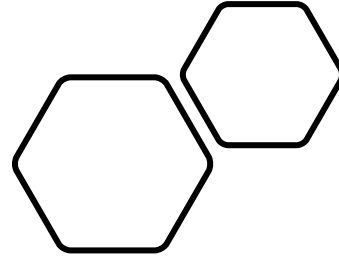
- More importantly, why listen?

The Good, The Bad, and The Ugly of Security

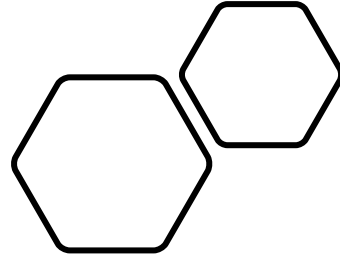
- The Ugly
 - You Can Never Be “Secure”
 - They Are Really Out To Get You
- The Bad
 - Security Evolves Over Time
 - Continual Learning is Required
- The Good
 - You Can Make a Difference



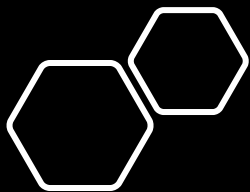
The Ugly



You Can Never Really Be "Secure"



- Security is not an end state, it's a process
- It is simply:
Measures taken to protect the safety of facilities, property, or personnel



They Really Are Out To Get You

Cybersecurity Threat Statistics

**\$4.24
million**

Average cost of a data breach¹

287

Average number of days to identify and contain a data breach²

350K

Number of new malware programs found per day³

18K

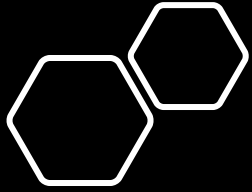
Number of Solarwinds customers affected by supply chain breach⁴

**\$1.85
million**

Average cost of remediating ransomware attack⁵

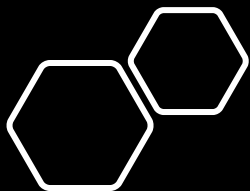
74%

U.S. companies experiencing successful phishing attack in 2020⁶

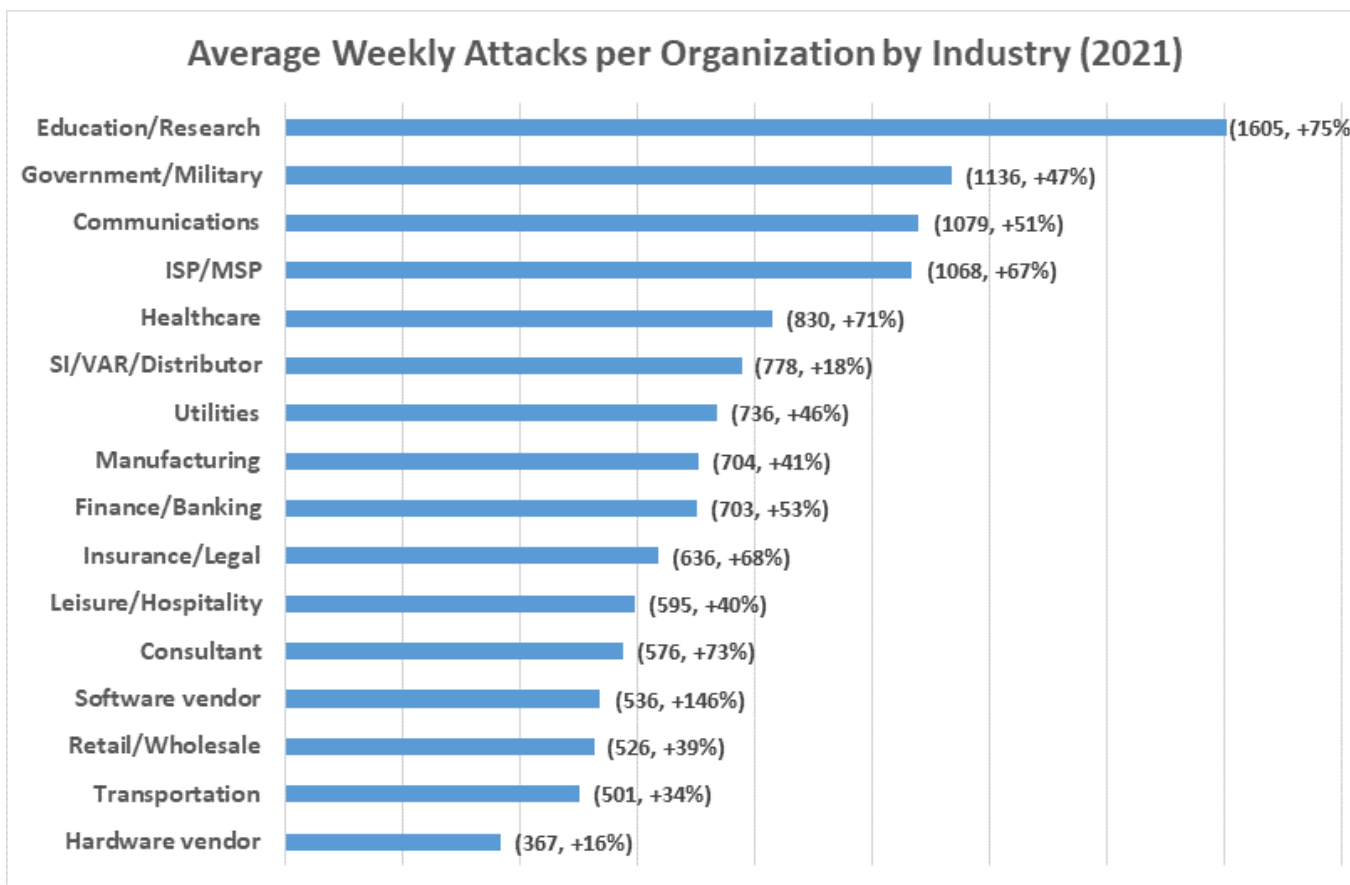


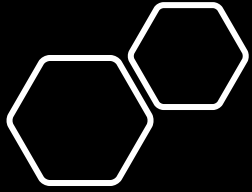
They Really
Are Out To Get
You



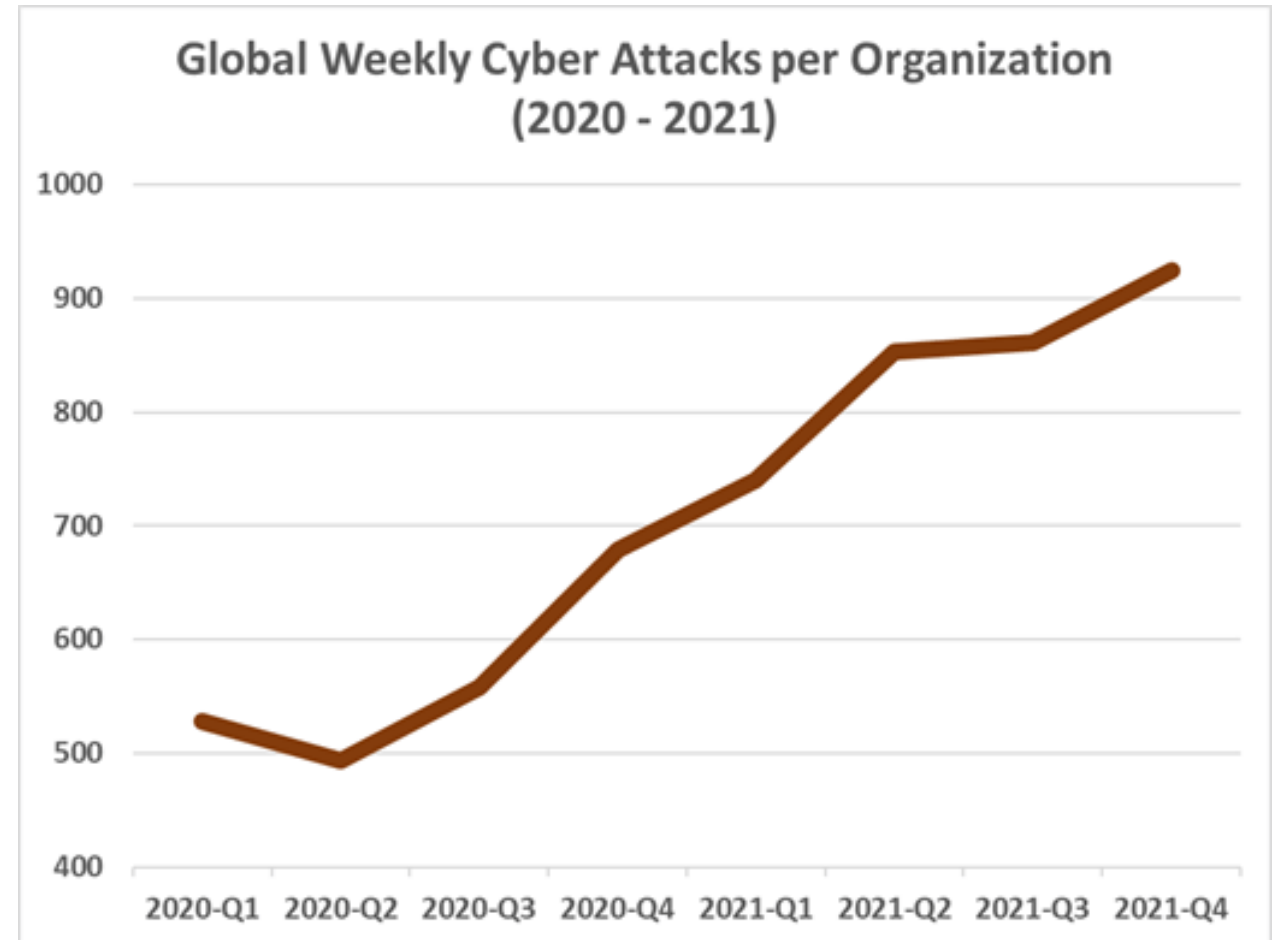


They Really
Are Out To
Get You

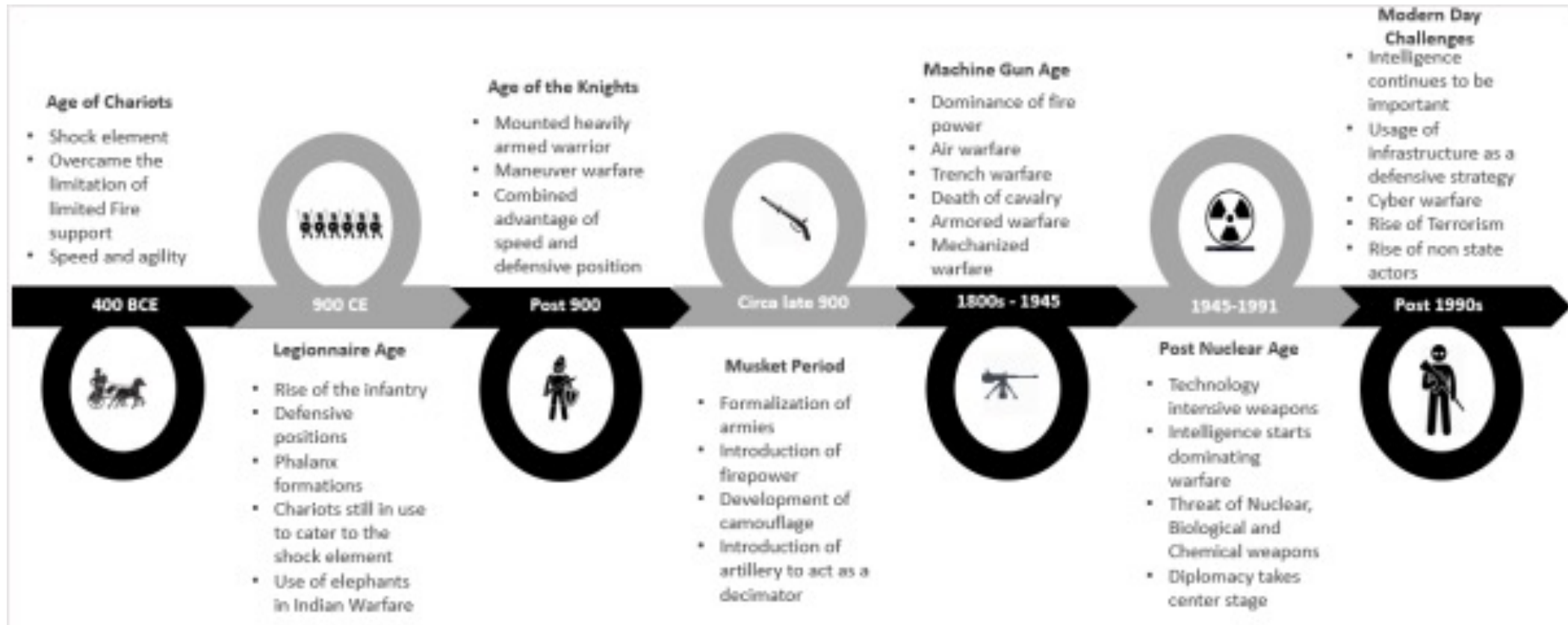




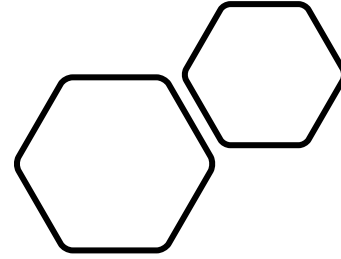
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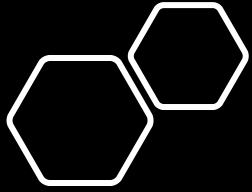


Warfare Evolves over Time



The Bad

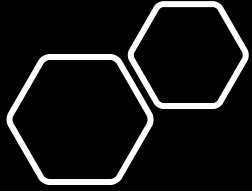




Continual
Learning is
REQUIRED

Attacks Change Daily

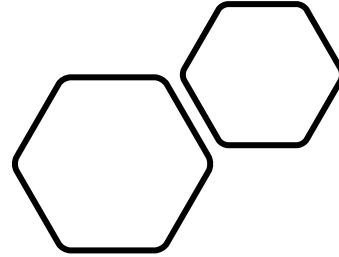
Can Mitigate With a Good
Professional Network



What Should You Learn

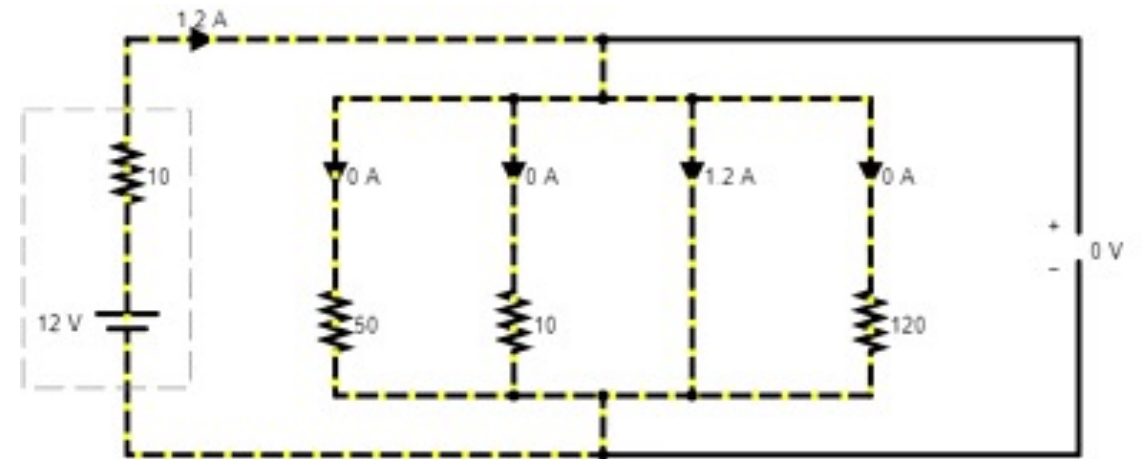
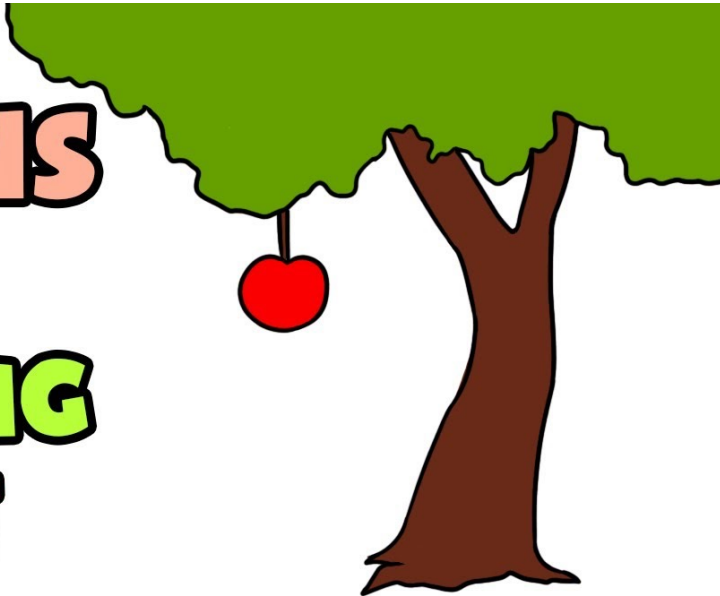
- Learn Fundamentals
 - Don't Be a Script Kiddie
- Software Development
- Linux
- Networking
- Psychology
- Writing/Communication Skills
- Organization/Learning Skills

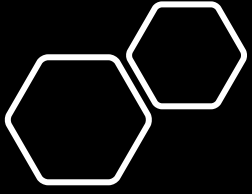
The Good



You Can Make a Difference

**WHAT IS
LOW
HANGING
FRUIT**





Questions

