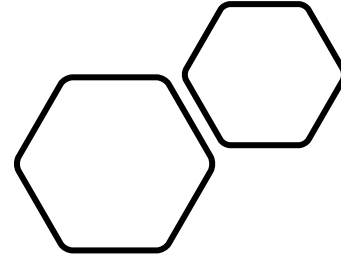
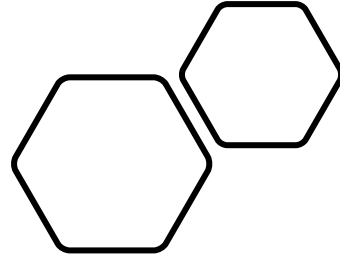


Cybersecurity



Matthew Kunzman

Who am I?



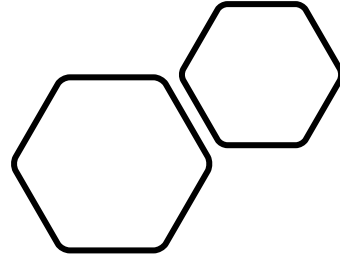
- More importantly, why listen?

The Good, The Bad, and The Ugly of Security

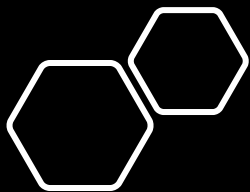
- The Ugly
 - You Can Never Be “Secure”
 - They Are Really Out To Get You
- The Bad
 - Security Evolves Over Time
 - Continual Learning is Required
- The Good
 - You Can Make a Difference



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

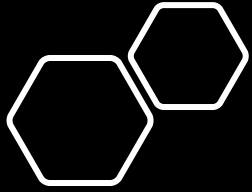
Number of Solarwinds customers affected by supply chain breach⁴

**\$1.85
million**

Average cost of remediating ransomware attack⁵

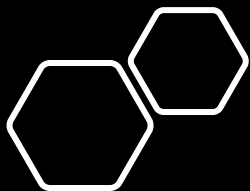
74%

U.S. companies experiencing successful phishing attack in 2020⁶

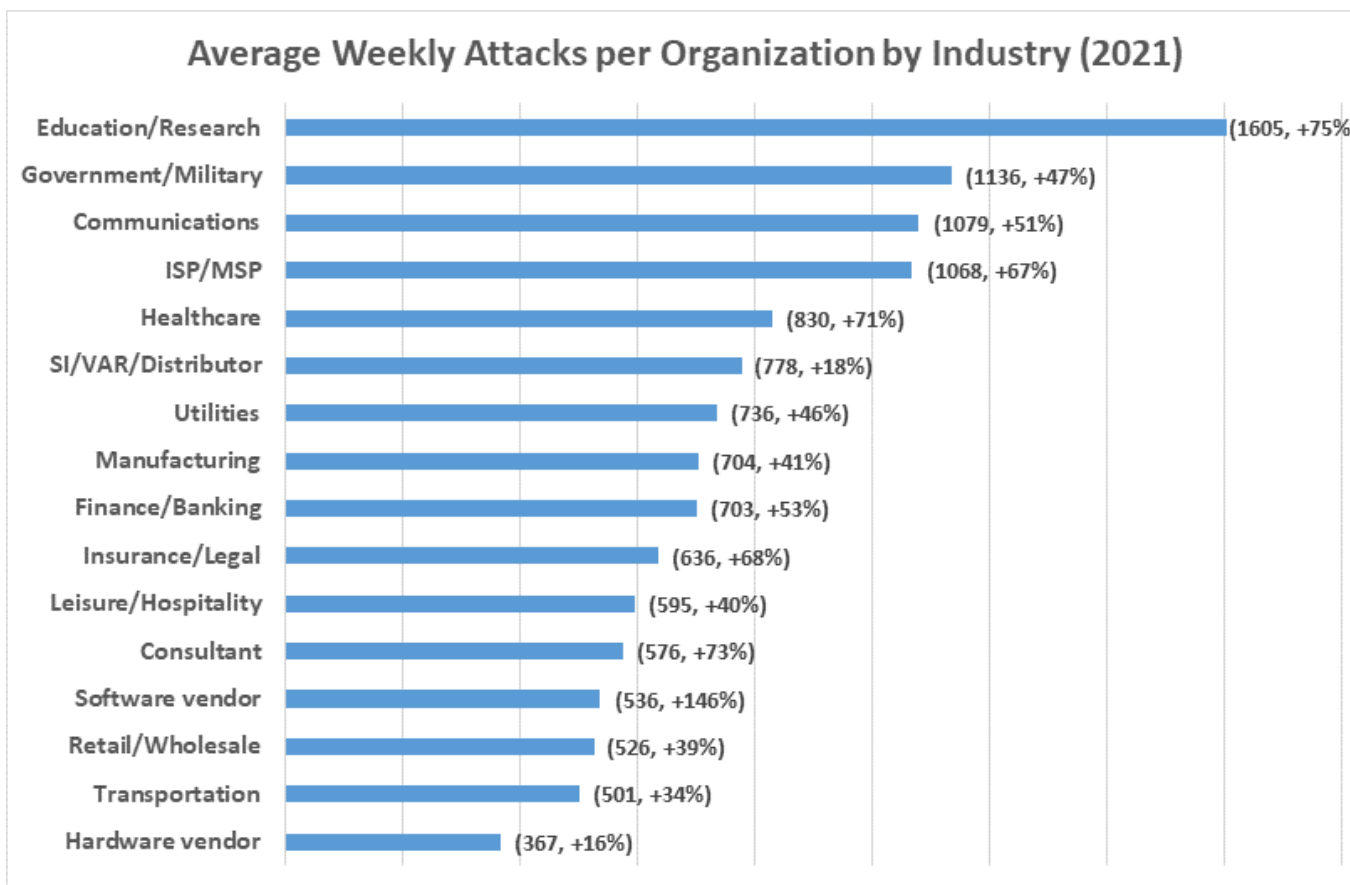


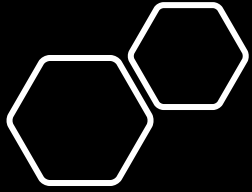
They Really
Are Out To Get
You



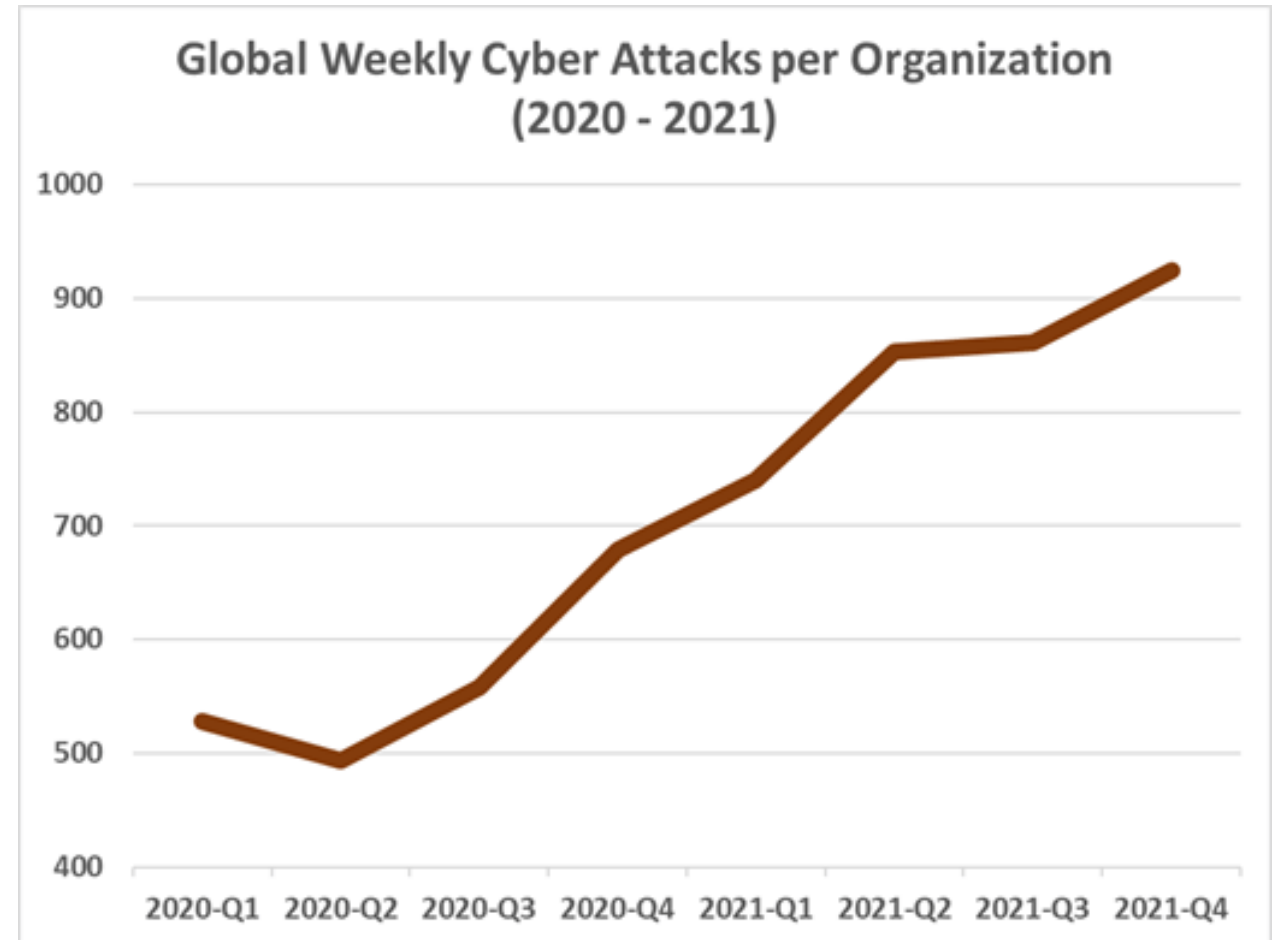


They Really
Are Out To
Get You

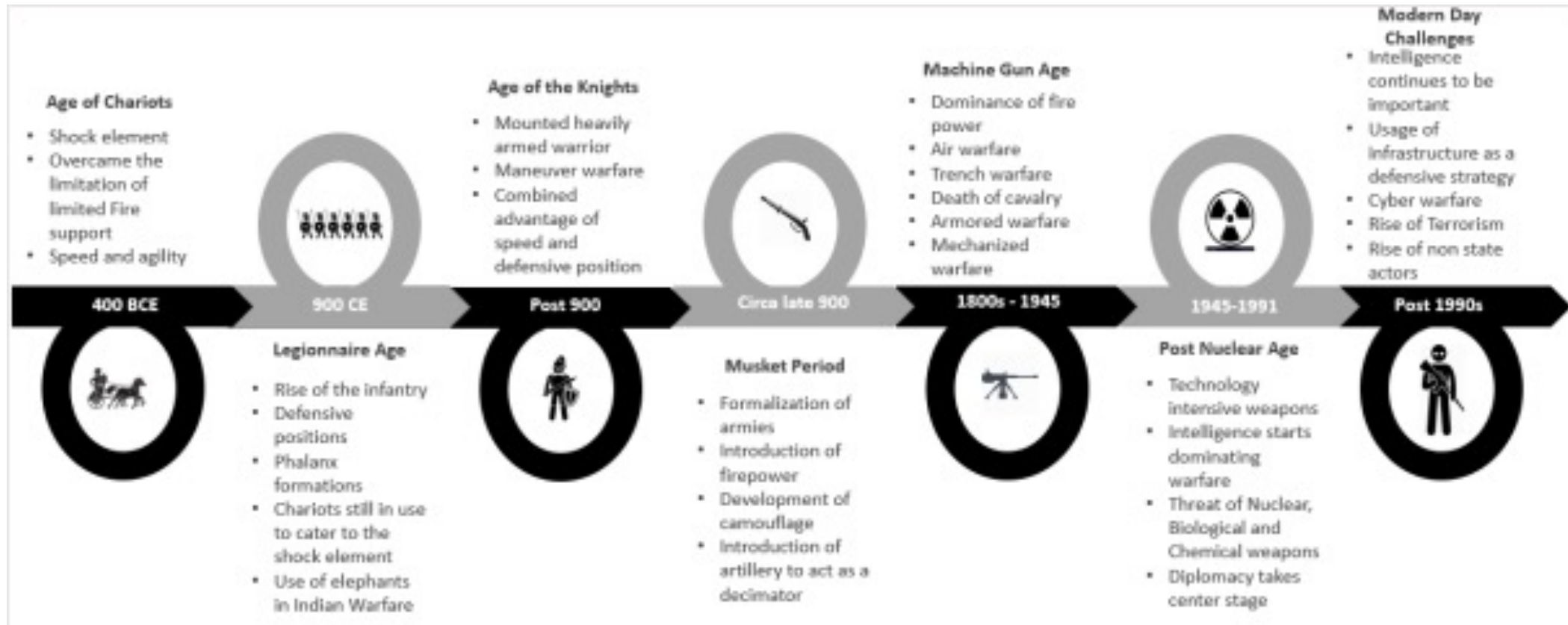


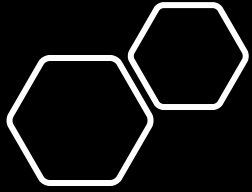


They Really
Are Out To
Get You



Warfare Evolves over Time

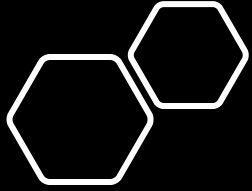




Continual
Learning is
REQUIRED

Attacks Change Daily

Can Mitigate With a Good
Professional Network

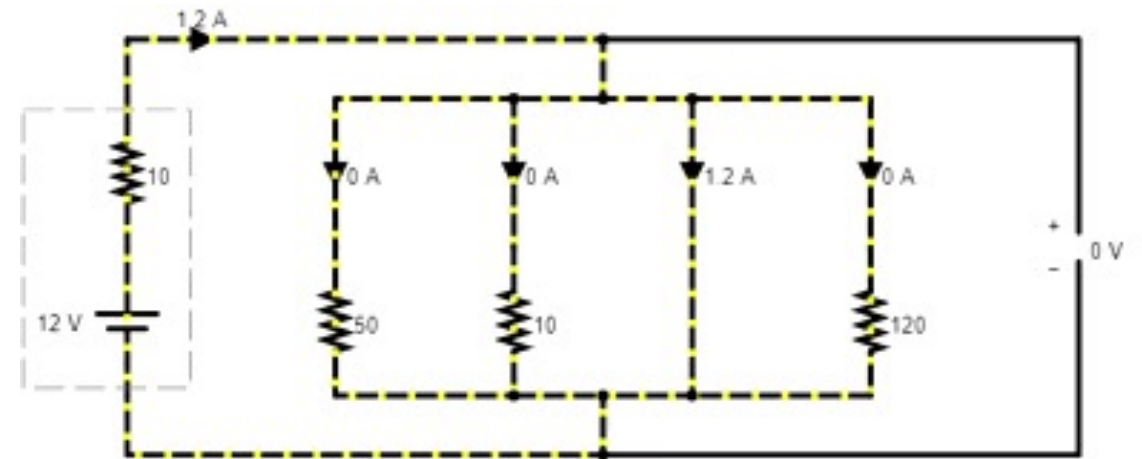
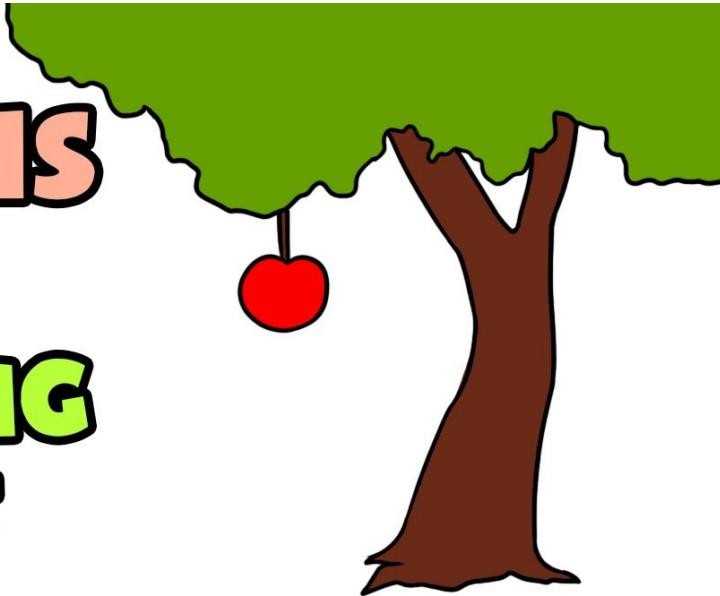


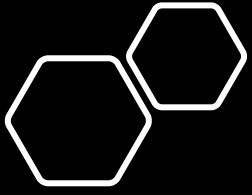
What Should You Learn

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

You Can Make a Difference

**WHAT IS
LOW
HANGING
FRUIT**





Questions

