

RSA® Conference 2020 Asia Pacific & Japan

A Virtual Learning Experience | 15–17 July

HUMAN
ELEMENT

SESSION ID: GPS-F06V

Hack Your Cybersecurity Career: Your Role in the Ecosystem

Caroline Wong

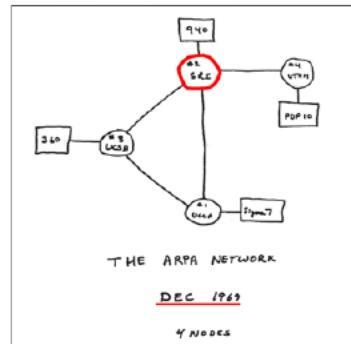
Chief Strategy Officer at Cobalt.io





Why does Cybersecurity matter?

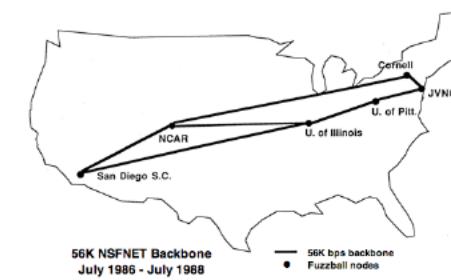
4 university
computers
connected via
ARPANET



U.S. Senate Testimonial



“Software is eating the world”

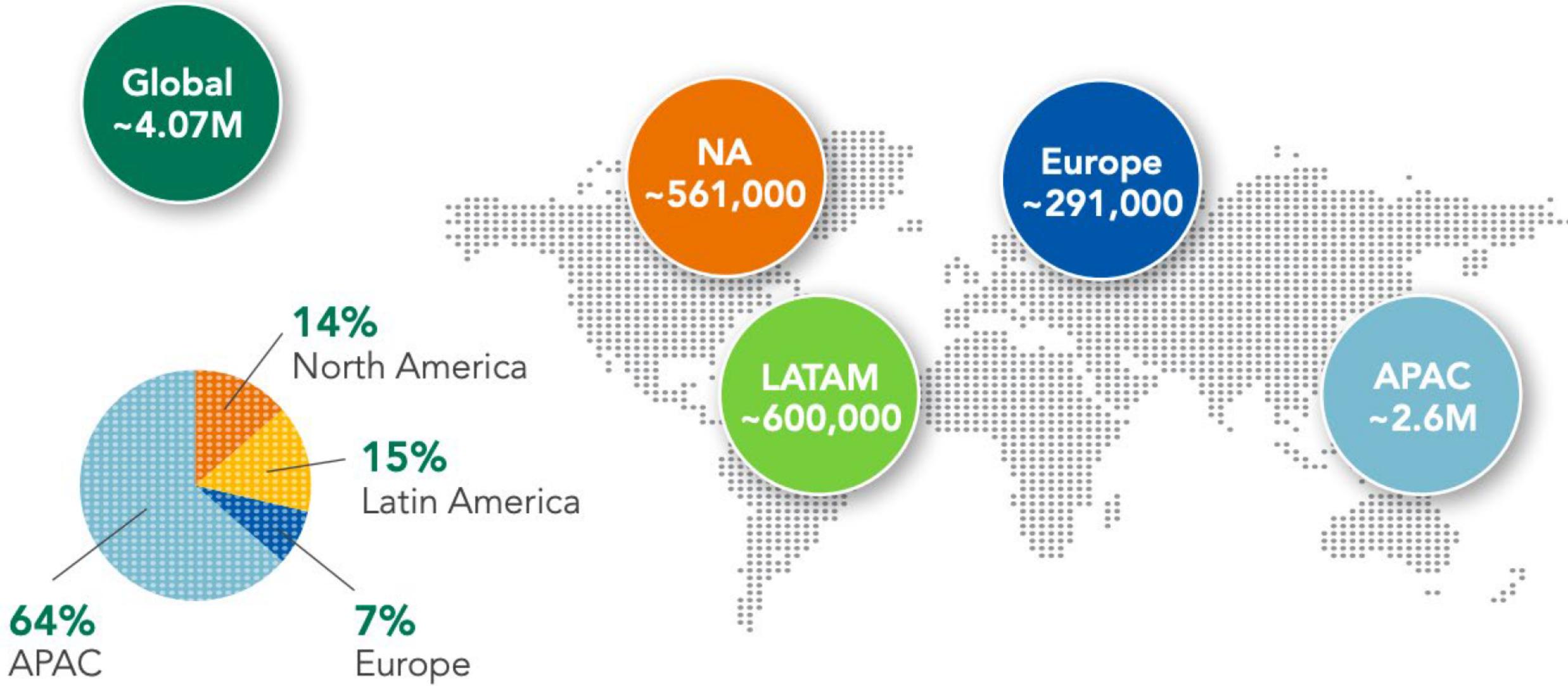


NSFNET established
by the National
Science Foundation

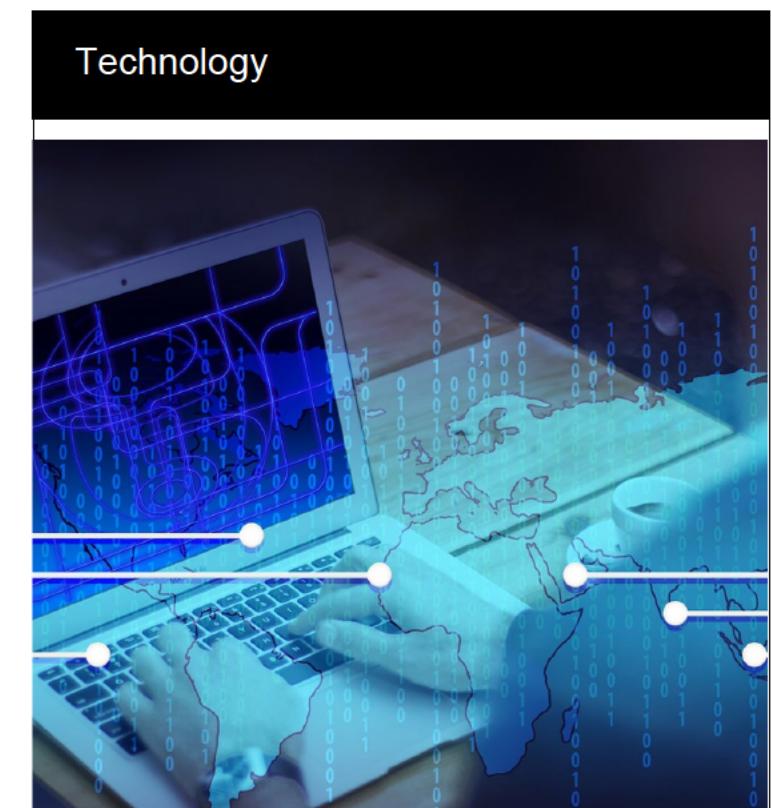
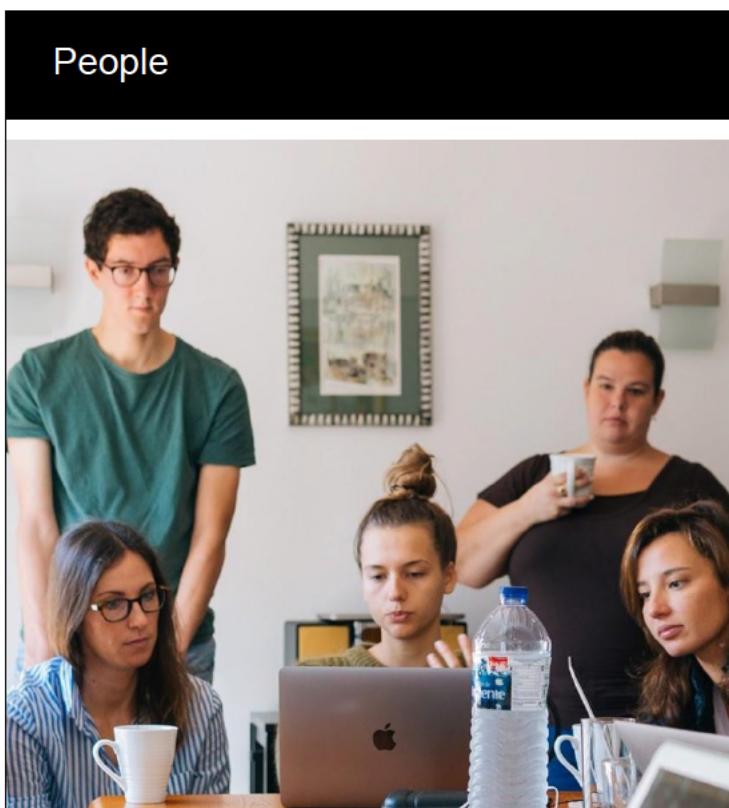


OWASP Top 10
OWASP
Open Web Application
Security Project

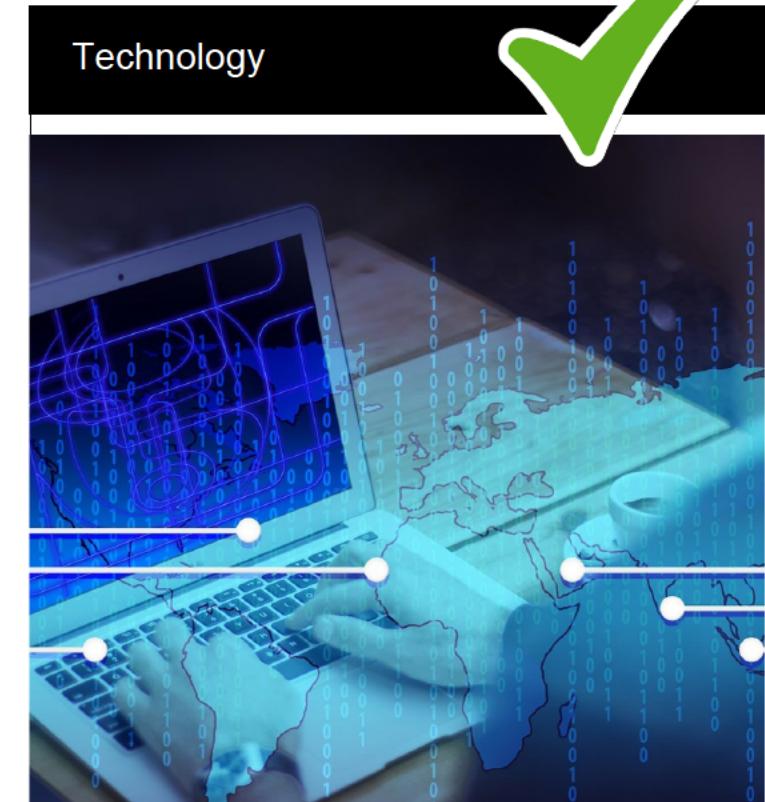
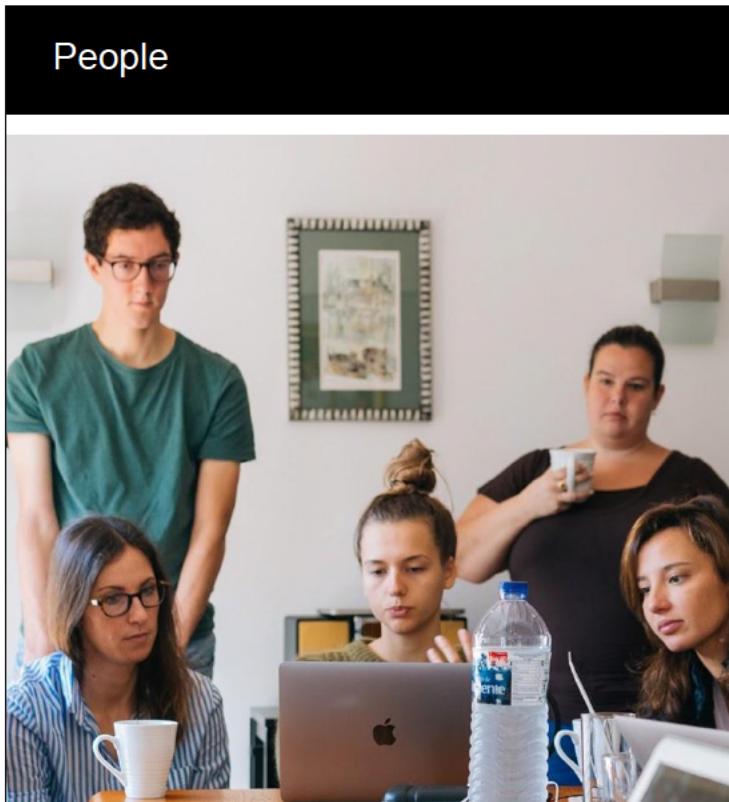
The Cybersecurity Workforce Gap by Region



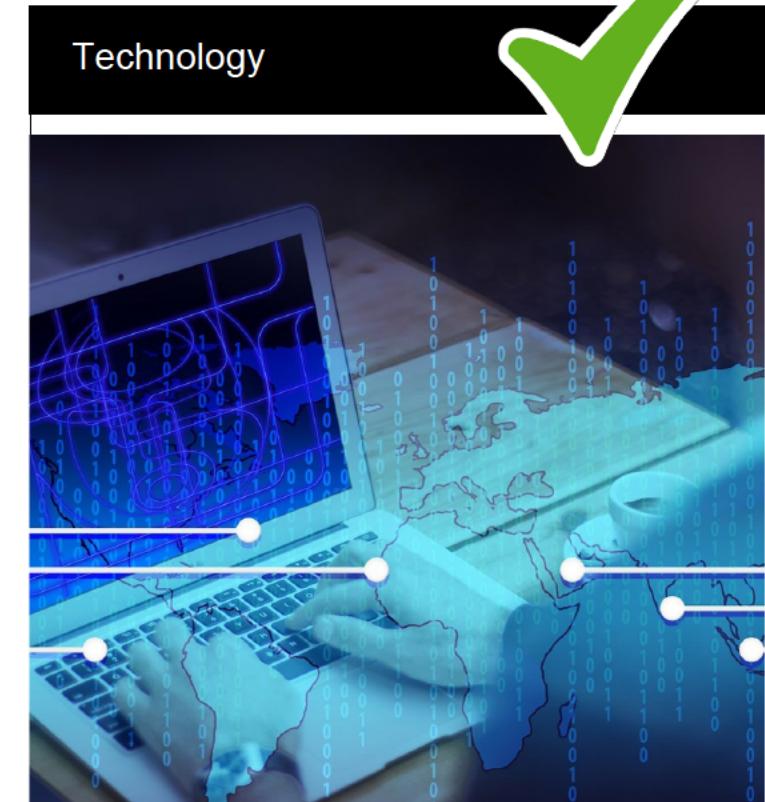
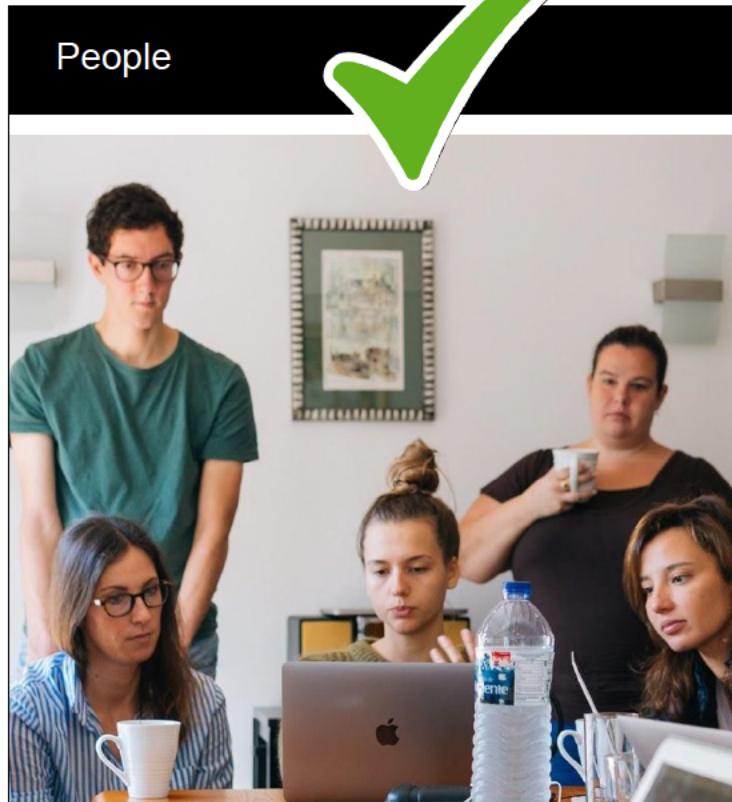
For Cybersecurity to succeed...



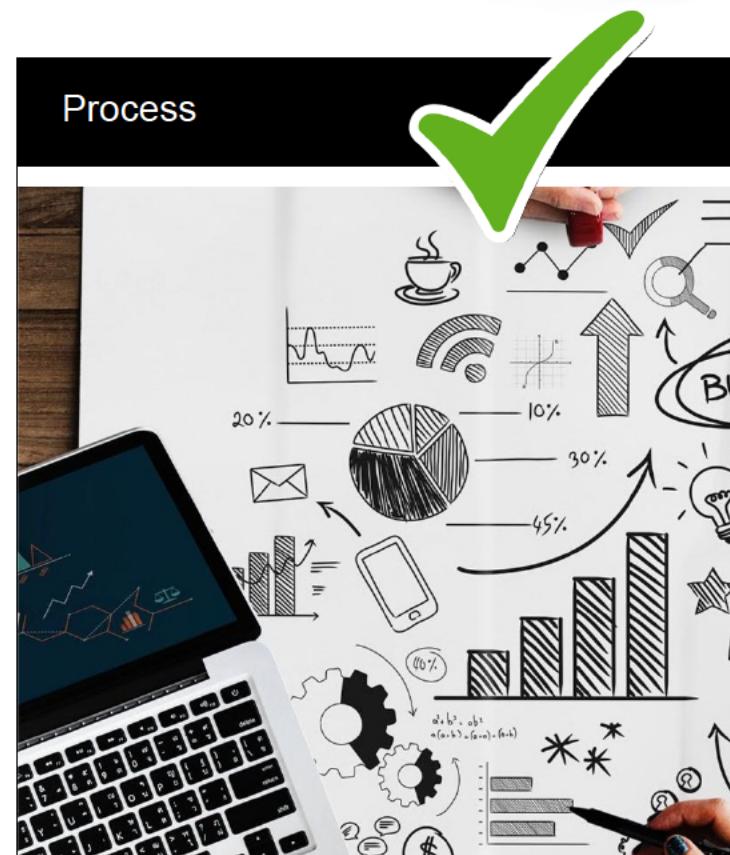
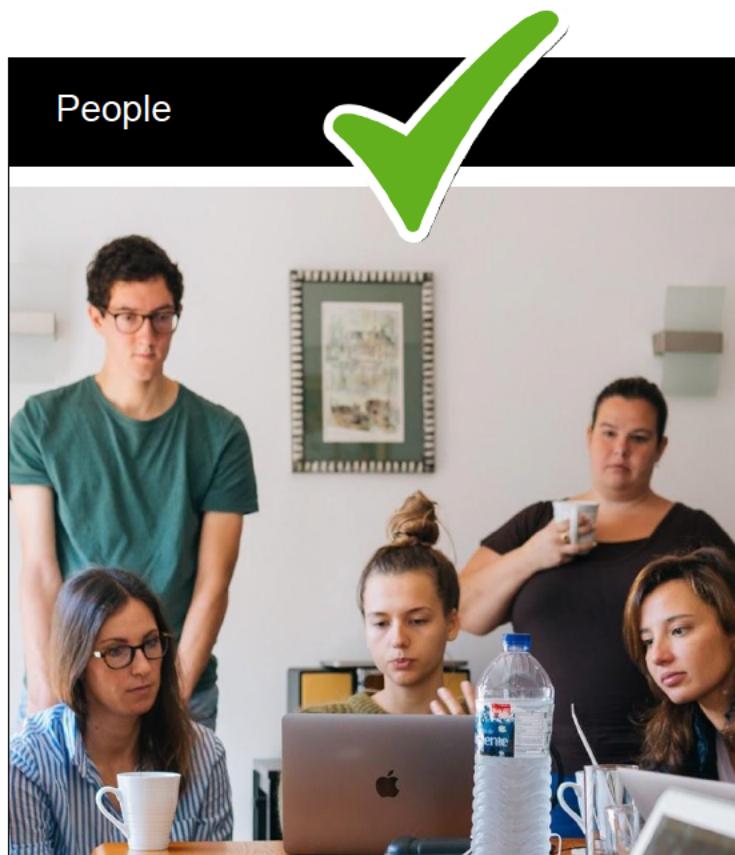
For Cybersecurity to succeed...



For Cybersecurity to succeed...



For Cybersecurity to succeed...





Human vs. Machine



Human vs. Machine

Look over their, at the drawing on the whiteboard.

They're ideas are articulated nicely.

There going to take a picture and share it with the rest of the team.

*Look over **their**, at the drawing on the whiteboard.*

***They're** ideas are articulated nicely.*

***There** going to take a picture and share it with the rest of the team.*

The State of Pentesting: 2020 report assesses which web application security vulnerabilities can be found reliably using machines and which require human expertise to manually identify.



VS



We investigate the following questions:

- ✓ What vulnerability types can dynamic scanners reliably find?
- ✓ What are the vulnerability types that only humans can find (i.e. dynamic scanners cannot reliably identify them)?
- ✓ What are the vulnerability types for which scanners will not automatically populate results, but where automated tools can enhance efficiency to conduct further exploitation?



Many organizations are making the transition from DevOps to DevSecOps and **embracing** an **“everyone is a part of the security team” approach** to security.

The majority of respondents (78%) reported a strong relationship between security and engineering, and we expect that to continue to grow in the future.



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**What is your organization's
cybersecurity culture?**

Checklist



Yes



No

Technical Solutions

Money Culture



Collaboration



Apply

Next week you should:

- Evaluate what factors motivate and drive you to succeed as a cybersecurity professional

In the next three months you should:

- Make 3 new connections with technology or business leaders at your organization

In the next six months you should:

- Find 3 job postings that align with your interests. Think about the big picture. What do you want to be doing in the year 2025?
- Make 3 new connections outside of your organization that can help you network and get to that new place.
- Identify 3 opportunities for learning that you can add to your skill set and experience over the next 5 years to propel you further.

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Let's talk some more.

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