



NATIONAL ENGINEERS WEEK 2022

Cyber Security



Learn more about Cyber Security operations and how engineers secure and protect devices, networks, and data. [START EXPLORING HERE!](#)

MEET OUR INDUSTRY EXPERT



TONY GIBSON

Security Strategy & Operations >> Verizon



*Click on the **green gear** to view our expert's video and learn more about Cyber Security. Tony has over 20 years in operations, cyber, development, and multiple areas of I.T., and proudly served in the U.S. Army. He works directly with system architects, developers, support, and management to drive security strategy, creates approaches to protect networks and, most importantly, acts as a conduit between Verizon's Chief Security Office and Application Development and Operations.*



[View NAF's Engineers Week playlist](#)



STRETCH YOUR LEARNING

EXPAND your engineering knowledge and capacity:

- Learn [Cyber Security in 7 minutes](#).
- Participate in a cyber security [challenge](#).
- Design a personal cyber security plan after conducting research and reviewing [this Cyber-Security Planning Guide](#).
- Complete the Innovation Challenge below. ↓



COMPLETE THE CHALLENGE TO WIN

SHARE FOR A CHANCE TO WIN \$100

Before 3/31/22, share the URL of your completed project presentation [HERE!](#)

SHOWCASE YOUR PROJECT

Check out NAF's Showcase Choice Board on the next page for presentation ideas.

ACCEPT THE INNOVATION CHALLENGE

Deepen your learning by innovating for a project solution. Check out the challenge details on the next page.



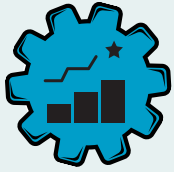
IMPACT SURVEY FOR EDUCATORS: Scan or click the QR code to share your feedback and for a chance to win \$100.





NATIONAL ENGINEERS WEEK 2022

Innovation Challenge: Cyber Security



ACCEPT THE INNOVATION CHALLENGE

After researching the basics of cyber security, collect information on the number of ways that an intruder can illegally access a device of your choice that is not connected to the Internet. How can you minimize such risk? How would you advise your family and friends to protect themselves? Create a tutorial for them in a format of your choosing.

SHOWCASE YOUR CHALLENGE PROJECT

Bring your project to life by sharing your learning with a global audience! Present your learning journey using the Showcase Choice Board below. Then, generate a URL to share with your class, a mentor, an industry partner, and NAF!



Choice 1: Create a YouTube video to detail your learning through the project challenge.

Choice 2: Create a blog or social media campaign to highlight your project and learning journey.

Choice 3: Create an infographic to illustrate your findings.



Photo Credit: Disney

Choice 5: Produce a PechaKucha (a 400-second visual story) to showcase your project and learning journey.

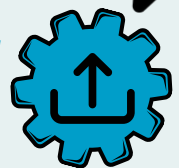
Choice 4: Code or create a simple webpage to showcase your project. Consider Replit or Wix.

Meet Lanny Smoot, a Walt Disney Imagineer! He has 100 U.S. patents, and is considered "one of the most prolific Black inventors in American history." He strives to inspire Black youth to chase STEM careers.

Choice 6: Showcase your project in a format of your choosing.

SHARE THE URL OF YOUR PROJECT SHOWCASE

Scan or click the QR code to complete the submission form and for a chance to win a \$100 gift card for you AND your educator.



For more information, please contact [Christine Rodriguez](#).