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CYBER NOTES

News and Updates from Cybersecurity and
Cyber Engineering at Gannon University



FACULTY SPOTLIGHT

PROFESSOR RICHARD MATOVU

Dr. Richard Matovu is an assistant professor of Cybersecurity at Gannon University.

Dr. Matovu completed his Bachelors degree in Statistics, his Masters of Science in Data Communication/Software Engineering, and his Ph.D. in Computer Science.

Dr. Matovu has also completed various research projects like his research at Gannon regarding brain signals and how machine learning and AI tools are used to identify how potential hackers learn about vulnerabilities in external systems.

We are so happy to have Dr. Matovu as part of our I-HACK team!



FEATURE

PULL THE SHADES DOWN ON YOUR BROWSING WITH A VPN

Virtual private networks (VPNs) have emerged as a powerful tool for individuals seeking to protect their sensitive data, maintain anonymity, and fortify their cybersecurity defenses.

WHAT TO KNOW ABOUT VPNs

VPNs encrypt data from your devices to the internet by rerouting to a private server. This masks your location and hides your IP address from websites reducing the risk of using public wi-fi.

SHOULD YOU USE A VPN?

Using a VPN prevents your service provider from tracking your specific journey on the internet and is great from a privacy perspective.

HOW TO CHOOSE A VPN

Some factors to consider when looking for a VPN are infrastructure, speed, performance, privacy policies, server locations, network size, compatibility, customer support, and price.

FEATURE CONT.

HOW TO USE A VPN

Generally, download and install the VPN on your device, create an account and sign in, select a server location based on your needs, and connect to the VPN.

VPN TIPS AND TRICKS

- Flip on your VPN's "kill switch" to prevent data leaks
- Test performance of VPN using a speed test
- "Split tunneling" can route web traffic through the VPN and your regular network simultaneously

HOW TO TROUBLESHOOT A VPN

You can check your internet connection, firewall settings, and server status if your VPN fails frequently. You can also change servers, clear the browser cache, and update your device to solve most issues.

In an era where online privacy is increasingly under threat, safeguarding your digital security has never been more crucial. Using a VPN increases your safety online and peace of mind, especially when traveling or using a public Wi-Fi network.

UPCOMING GANNON E-SPORTS COMPETITION

Flagship City eSports presents "The Battle of Lake Erie" on August 19-20 coinciding with Celebrate Erie weekend. The two-day esports event will take place on Gannon University's campus.

Gamers representing 12 IU5 schools will compete in the championships on stage and streaming. Everyone is invited to enter the tournament or watch the action live!

Register at: www.flagshipcityesports.gg



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CAMP GANNON



CAMP GANNON RECAP

Gannon University hosted our Understanding Manufacturing Technologies, Ride Science - The Science Behind the Scenes, CyberPatriot CyberCamp, and Summer Educational Experience camps. 50+ students participated in these programs regarding STEM topics such as engineering, business, and computer science. Stay tuned for information on next Summer's camp season!



EVENTS



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