Natha Paquette

Automated MAC Spoofer

Challenge: Innovation
Category: Intermediate
Region: Tri-County
City: Yarmouth, NS
School: Yarmouth Consolidated Memorial High School

Abstract: My project is a program written in the programming language Python. Firstly it is important to note this program is only intended for use by security professionals who are employed to find flaws in network security. This program automates the process of exploiting a previously known vulnerability to bypass security protocols of certain wireless networks.

Biography

My name is Natha Paquette I am a grade nine student at Yarmouth Consolidated Memorial High School. The inspiration for my project came from my passion for cybersecurity and a method I had previously learned about to bypass certain types of wifi router security. What I have currently, is a program which automates this method but I plan to expand on this perhaps adding features which aid in the ease of use. Lastly, I have one piece of advice for anyone hoping to create a project for any science fair local or national, be passionate I cannot emphasize this enough if you are not passionate about your project you will not be able to put in the effort required for a high-quality science fair project.