Daniel Tomov

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Obsessed IT Enthusiast with an impressive home lab. Dedicated to learning new things and using known skills to find solutions to everyday problems. Plagued with the overwhelming urge to tinker, figure things out, and build enterprise-level network infrastructures.

# Networking Experience

## configured the home network April – Present 2022

* Used DHCP and Static Configurations to distribute IP addresses to devices on the network.
* Created port forwarding rules to allow outside traffic access private resources.
* Configured a SonicWall Firewall to allow the private network to access the internet and allow outside sources to access inside servers.

## Home lab April – May 2022

* Created an instance of Home Assistant to control smart devices from different vendors and integrate it into a single dashboard. Used Let’s Encrypt to generate an SSL certificate to ensure secure communication.
* Created a DNS sinkhole with Pi-hole to monitor requests to the internet. Also used Pi-hole to create A records to access private servers with a FQDN.
* Used Apache Guacamole to create a web application that allows remote access of systems inside a network from outside the network.

# Cyber Security Experience

## Hack the box april - May 2022

* Completed the Appointment Machine which required directory fuzzing
* Completed the Sequel Machine which required searching a database with SQL
* Completed the Crocodile Machine which required anonymously logging into an FTP server

## Vulnhub november - December 2021

* Completed the Mercury box which required SQL injection
* Completed the Double Trouble boxes which required utilizing a vulnerability in Apache to change .htaccess to upload a PHP reverse shell.

## CTF Challenges March – May 2022

* Received 5th, 1st, and 2nd places out of all of Virginia schools in Radford CTF challenges organized by Radford University.
* Received more than 40,000 points in CyberStart giving the opportunity to compete for NCSF scholarships.
* Received 3rd place in STEM Trifecta Challenge.

# Certifications

# CompTIA Security+

# Microsoft MTA Database Administration Fundamentals

# Microsoft Office 2019 Associate

# Pearson IC3 Digital Literacy Certification

# Education

## Technology and STEM Academy at Landstown High School

## *12th Grade. Aiming for Advanced Diploma*