Daniel Tomov

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https://danieltomov.me | https://www.linkedin.com/in/daniel-s-tomov | https://github.com/Daniel-Tomov

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 and figure things out.

Education

Old Dominion University

- Cyber Operations (B.S.)   Expected June 2026
- Grade Point Average   4.0

Advanced Diploma at Governor's STEM and Technology Academy   **June 2019 - June 2023**

- Grade Point Average - Summa Cum Laude (unweighted / weighted)   4.0 / 4.3
- Two years of introductory cybersecurity class

Skills

- Python, Java, Bash, HTML, CSS, and JavaScript
- Linux and Windows
- VirtualBox, Docker, and VMware Workstation
- GitHub, git, and change management
- Wireshark, FTK Imager, Autopsy, and Volatility
- Communication and leadership

Certifications

- Security+ SY0-601
- Network+ N10-008
- CySA+ CS0-003
- JNCIA-Junos
- GIAC Foundational Cybersecurity Technologies
- GIAC Security Essentials Certification

Networking Experience

Homelab

- Used DHCP and Static Configurations to distribute IP addresses to devices on the network.
- Created port forwarding rules to allow outside traffic access to private resources.
- Configured a SonicWall Firewall to allow the private network to access the internet and allow outside sources to access private services.
- Used Cloudflare Zero Trust to generate a tunnel to ensure secure communication between clients and the Home Lab. Configured mTLS certificates to further control which devices can access the Home Lab.
- Used Pi-hole to monitor DNS requests and create DNS A records to access private servers locally with a FQDN.
- Used Apache Guacamole to control systems through a web browser.
- Used Nginx to create a reverse proxy to allow access from the public network to the private network to multiple applications. Applications are secured with a Let's Encrypt Certificate.
- Used Proxmox to create containers for Apache Guacamole, Samba, Jellyfin, Home Assistant, Tailscale, and Pi-hole.

Coding Experience

Python

- Created a website with the goal of teaching students the Python programming language to increase their interest in the field of STEM. Implements cybersecurity topics such as hashing passwords, session tokens, code sanitization, e-mail verification, and others. https://github.com/Daniel-Tomov/codemonkey

HTML, CSS, and JavaScript, Domain Name Configuration

- Used GitHub Pages to create a professional website. Bought the domain from Namecheap, configured it with Cloudflare, and protected with an SSL Certificate. https://danieltomov.me

Awards and Competitions

Future Business Leaders of America (FBLA)
Technology Student Association (TSA)
Marine Advanced Technology Education ROV Competition

- First place in the Mid-Atlantic Region (2022)
- First place in the Mid-Atlantic Region (2023)
- Twenty-Second place in the 20th World Championship
- Twenty-Eighth place in the 21st World Championship

The National Cyber Scholarship Foundation

- National Cyber Scholar with Honors (2022 and 2023)