

# Adam Nix

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GitHub: [github.com/realadamnix](https://github.com/realadamnix)

Ennis, Ireland

Portfolio: [adamnix.ie](https://adamnix.ie)

## Summary

Third-year Computer Networking student at TUS with hands-on lab experience configuring Cisco routers and switches, as well as VLANs, DNS, and DHCP. Comfortable using Wireshark, Packet Tracer, and Nmap for network diagnostics. Practical exposure to virtualization and storage (Proxmox, TrueNAS) and developing knowledge of cloud networking (AWS).

## Education

- Bachelor of Science (Honours) in Computer Networks and Systems Management,  
Technological University of the Shannon (TUS) Sep 2023 – Present
- Computer Systems & Networks,  
Limerick College of Further Education Sep 2022 – Apr 2023
- Leaving Certificate, St. Flannan's College Sep 2017 – Jun 2022

## Skills

- Networking: IP subnetting, VLANs, DNS/DHCP, routing & switching (Cisco)
- Troubleshooting: connectivity, DNS/DHCP/VLAN, Wireshark, Nmap
- Web: HTML5, CSS, HTTP (GET/POST)
- Systems: Windows, Ubuntu, Kali
- Programming: C++, Java (file I/O), Python basics
- Tools: Git/GitHub, Markdown, Visual Studio & VS Code
- Virtualization & Storage: Proxmox, TrueNAS
- PC Hardware: Custom builds, upgrades, component replacement
- System Support: Troubleshooting & maintenance

## Projects & Home Lab Experience

- TrueNAS Storage – Set up a central NAS to learn about data storage, backup, and organization. Hosts media and lab files for other services
- Jellyfin Media Server – Self-hosted media streaming solution integrated with NAS. Used for transcoding practice and library management
- Router & DHCP Setup – Configured a TP-Link router with static DHCP reservations, secure Wi-Fi (WPA2/WPA3), and disabled WPS
- AdGuard DNS Filtering – Deployed local DNS-based ad and tracker blocking using AdGuard Home
- Twingate Remote Access – Set up zero-trust remote access without port forwarding. Practiced resource-based access control
- Network Services – Built foundational skills in managing DHCP scopes, DNS resolution, and planning for VLAN segmentation in a home lab

## Certifications

- CCNA: Enterprise Networking, Security, and Automation ([Digital Badge Available](#))
- CCNA: Switching, Routing, and Wireless Essentials ([Digital Badge Available](#))
- Microsoft Office Specialist: Associate (Office 2019) ([Digital Badge Available](#))
- Driver's Licence (category B)

## Employment History

**Aramark (Maxol)**

**May 2023 – Aug 2025 (Seasonal, Summers Only)**

### Food Service Worker

- Prepared and assembled deli items, including sandwiches, salads, and hot dishes
- Monitored and managed inventory to ensure optimal stock levels of food and supplies
- Managed demanding workloads, excelling under pressure during peak dining periods to deliver exceptional service
- Provided friendly customer service
- Strictly adhered to food safety regulations and maintained a clean, organized workspace

**Old Ground Hotel**

**Jun 2021 – Sep 2021**

### Kitchen Porter

- Prepared vegetables for lunch and dinner
- Prepared sandwiches for customers
- Ensured thorough cleaning of dishes, utensils, and kitchen equipment to maintain high hygiene standards
- Collaborated with kitchen staff to ensure timely food preparation and service
- Adapted to changing priorities and assisted with other kitchen tasks

## References

- Laura Murphy – Store Manager, Maxol Clarecastle  
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