# HO MANH DAT
## SYSTEM ADMINISTRATOR INTERN

## CONTACT

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## TECHNICAL SKILLS

- Understand network services like IP, TCP, UDP, DHCP, DNS, etc
- Experience in the administration of Linux servers (Debian based).
- Experience with application and services by setting up and management: Apache/Nginx….
- Knowledge of web servers (ideally NGINX).
- Experience with virtualization (VMware) or cloud computing solutions (AWS/Azure).
- Understand the programming language C# (WinForms).
- Knowledge of the principles and concepts of IDPS.

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## CERTIFICATIONS

- **DevOps Mastery** by **CodeStar** - 01/2025
- **Cisco Certified Network Association (200-301)** by **VnPro** - 10/2024

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## SOFT SKILLS

- Be able to work independently or collaborate with team members.
- Analytical and conceptual thinking.
- Ability to handle responsibilities.
- Self-learning.
- Read and understand English documents.

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## AWARDS

- 2 times got the Encouraging Study Scholarship at UIT.

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## LANGUAGES

- English: Intermediate.
- Vietnamese: Native.

## ABOUT ME

I am a responsible and self-motivated individual who actively seeks to explore and learn. I desire to work in a dynamic, professional, and innovative environment where I can continuously expand my knowledge of networking, technology, and systems management. I am eager to enhance my skills in these areas and contribute my expertise to create impactful solutions.

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## EDUCATION

### University of Information Technology VNU-HCM

**Bachelor's Degree in Computer Network and Communications**

2021 - 2025

GPA: 8.22/10

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## PROJECTS

### Deploy a network monitoring system using SNMP and Observium

Course project                                              09/2024 - 11/2024

- **Responsible**: Deploy and configure SNMP for network devices and set up Observium to monitor performance, analyze traffic, and ensure continuous system monitoring.
- **Skills**: SNMP, Observium, Network Monitoring, Firewall Configuration, Traffic Analysis, Performance Monitoring, Linux, Shell Scripting.
- **Result**: Deployed and configured a network monitoring system that provided comprehensive visibility into network health and performance.
- **GitHub**: https://github.com/imhmdat/Network_Performance_Evaluation

### Analyze and design a network system for a university

Course project                                              10/2023 - 12/2023

- **Responsible**: Design the network for a university step by step, starting from user requirement analysis, building the logical topology, and then the physical topology. Configure the topology on Cisco Packet Tracer using Cisco commands. Additionally, develop a proposal that meets the users' needs.
- **Skills**: Cisco Networking, Packet Tracer.
- **Result**: Design the network to meet user requirements with logical and physical topologies on Cisco Packet Tracer. Identify performance issues and propose solutions to enhance network efficiency and scalability.
- **GitHub**: https://github.com/imhmdat/Network_Design_Group_2

### Config DHCP/NAT and file sharing services on linux sever

Course project                                              04/2023 - 06/2023

- **Responsible**: Deploy, configure Network File Sharing System (NFS, SMB, FTP), DHCP/NAT service on Linux server.
- **Skills**: Networking, Linux Server, Network Administrator.
- **Result**: Successfully set up NAT, DHCP, and file server protocols (NFS, SMB, FTP) on a Linux server, ensuring seamless network connectivity and file sharing.
- **GitHub**: https://github.com/imhmdat/Network_Administration_project

### Deploy Snort in inline mode

Lab project                                                 10/2023 - 11/2023

- **Responsible**: Create a simple network with VMWare, install and configure Snort (v2) as a Network IPS to detect and prevent attacks in the network.
- **Skills**: Networking, Linux Server, IDPS.
- **Result**: Created a simple network with VMWare and configured Snort (v2) as a Network IPS, enhancing network security by detecting and blocking potential attacks in real-time.