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# **Tibor Molnar**

Systems Administrator & Researcher

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## **PROFILE**

I am a highly motivated, reliable, and dedicated person. I have been interested in IT, computing, and electronics since childhood. I mostly administer and use Linux-based systems, but I also like and manage Windows systems and applications. I graduated college with a bachelor's in IT in 2016, and since then I have been learning and developing my skills continuously. My current work allows me to look after a data center where I host and maintain services and an OpenStack cloud. In this data center, the Irish Centre for High-End Computing is hosting its supercomputer, which I maintain as part of a team.

## **EXPERIENCES**

South East Technological University - Walton Institute [Full-time, hybrid]

• Waterford, Ireland

2020

Systems Administrator & Researcher

- Responsible for configuring and managing Walton Institute and Arclabs companies' infrastructure, including all the hardware, software, and operating systems necessary to support the business.
- Internal IT support
- Research for innovative technologies
- Monitoring infrastructure and data center
- Data center lifecycle management
- Data center and HPC hardware maintenance

#### Aptus Broadband [Full-time, on-site]

2019 - 2020

Bagenalstown, Carlow, Ireland

**IT Support** 

- Fixed wireless technology
- IT Support using Ticketing System
- Logistics management
- Communicating and negotiating with users and other staff
- Network devices management

### Waterford Castle Hotel & Golf Resort, Waterford Ireland [Full-time]

2012 - 2018

Restaurant Manager

• Waterford, Ireland

- Customer Relation Management skill
- Team Management Skill
- Organization of professional events and meetings

Fabex Computer [Part-time]

2009 - 2011

24/08/2023, 19:35 Online Resume Hardware Specialist Eger, Hungary Computer hardware service and maintenance Computer software installation and maintenance 2004 - 2009 Group 4 Security, Budapest Hungary [Full-time] Budapest, Hungary Account Records Clerk Payroll Flexibility Accuracy High standard of work ethic PROJECTS Work project - Quantum Ip Encrypor monitoring 2023 Python code MOTT InfluxDB Grafana monitoring Work Project - Eddy Covariance tower 2021 - 2022 • Build an eddy covariance tower Build Network Communication with EC tower Work Project - Mailman3 2021 Build and Deploy mailman3 listserv Personal Project - Network Topology with R 2021 Model a particular network topology using R Improves decision making about what network routing protocols to use Personal private project - Hotel Management system 2020 booking system Personal private project - RageDB 2019 • This program is used to read and transform CSV file format to an XSL file format The input is limited to eircode • The program can be used to load all the eircode and pin locations in Google Earth for visual analysis

#### WIT College Project AWS

2018

- Elastic Compute Cloud EC2
- Load Balancer
- SQL Server in a private subnet
- Virtual Private Cloud
- Auto Scaling Group

#### WIT College Project - E-commerce website

2016

- e-commerce
- website

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There are multiple ways to present skills but my way is to show them in a rating format. I have listed some of my soft skills that I think important and I'm aware of.

Bash script • • • • • • • Javascript • • • • • • • • Python • • • • • • • • • Automatization • • • • • • • • • Markup • • • • • • • Virtualization 99999 Monitoring • • • • • • • Emails • • • • • • IT hardware Operating Systems 
Operating Systems Networking • • • • •

# **EDUCATION**

### South East Technological University, Waterford, Ireland

2021 - 2023

Higher Diploma in Computer Science

Bachelor

• HDIP in Computer Science course is focuses on full stack development.

#### Waterford Institute of Technology, Waterford, Ireland

2016 - 2019

Bachelor of Science in Information Technology

Bachelor

• This course is built on three core computing areas, Databases and Information Systems, Computer Networks, Cloud Computing and Programming.

## CERTIFICATES

## Protecting Data when Home Working in Ireland

Legal Island 2023/08/15

Cyber Security training course

Data Protection in the Republic of Ireland Workplace

Legal Island 2023/08/18

GDPR training course

# Cyber Security in the Republic of Ireland

Workplace

Legal Island 2023/08/09

Cyber Security training course

#### **NDG Linux Essentials**

by Cisco Networking Academy

2023

IT skills & career building program, available to learning institutions & individuals

worldwide - developed by Cisco CSR

#### **Learning Nagios**

by LinkedIn 2020

Learning how to use Nagios core monitoring

## Research Integrity - Engineering and **Technology**

by Oxford University Press

2020

Quality research and education resources

# Deploying and Configuring Core TCP/IP

**Services** 

by LinkedIn 2020

Learning more about TCP/IP protocol

# Windows Server 2012 Install, Configure, and

**Administer Active Directory** 

by LinkedIn 2020

Windows hierarchy system

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# Windows Server 2012 Install and

Configuration

by LinkedIn 2020

More about Windows Server deployment

# **S** LANGUAGES

Hungarian [Native] / English [Professional] / German [Basic]



Swimming / Cooking

# **REFERENCES**

References upon request.