

# Markó, Donát

## Curriculum Vitae

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### Education

- 2022– **Electrical Engineering BSc**,  
*Széchenyi István University, Győr, Hungary*
- 2017–2018 **IT System Administrator**,  
*Jedlik Ányos Secondary School of Information Technology, Győr, Hungary, Hungarian National Qualification Register 54-481-05*
- Digital electronics (PIC, AVR, Xilinx FPGA)
  - Analogue electronics, electrotechnical studies
  - Network design and management
  - Technical documentation
  - PLC programming (OMRON, SIEMENS)
- 2013–2017 **A-level in Information Technology**,  
*Jedlik Ányos Secondary School of Information Technology, Győr, Hungary*

### Work Experience

- 2022– **Telecommunications System Expert**,  
*ViDaNet Cable Television Provider PLC, Győr, Hungary*
- Complete operation and development of the main and the remote headends
  - Management of the digital television reception and signal processing platforms (Synamedia, Appear TV, Teleste, WISI, Conax)
  - Supervision of the technological networks and network devices
  - Fulfilling 24×7 duty schedule
  - Participation in the designing and constructing a completely new main headend as a brownfield investment in 2022
- 2020– **Freelance (Sole Proprietor)**
- Development and provision of „BusinessMan” complex administration management system
  - Design and construction of Ethernet and telco (optical and coaxial) networks
  - Keeping server and desktop infrastructure operational for small and medium-sized enterprises
- 2019–2022 **IT Expert**,  
*ViDaNet Cable Television Provider PLC, Győr, Hungary*
- Keeping the complete business IT platform – clients and servers – operational, providing end-user support in duty schedule
  - Fulfilling the „application supervisor” role of the on-prem Active Directory, Office 365 and other applications
  - Maintenance of the office wired and wireless networks in 14 locations across the country
  - Coordination of IT logistics and asset acquisitions
  - Awarded “Employee of the Year” for 2020

- 2016–2019 **System Administrator**,  
*Kovács Bau Építőipari és Szolgáltató Kft.*, Jobaháza, Hungary
- Design, construction and maintenance of the wired and wireless Ethernet network in the office building
  - Employee PC and notebook maintenance, support
  - Deployment and integration of Microsoft Active Directory services
- 2018 **Rail Traffic Dispatcher Trainee**,  
*Hungarian State Railways PLC*, Budapest, Hungary
- Base station: Győr
- 2016–2018 **IT System Administrator Assistant**,  
*Jedlik Ányos Secondary School of Information Technology*, Győr, Hungary
- Helping and supporting the system administrators on a daily basis
  - Software and hardware maintenance
  - Supervision of kiosk PCs
- 2015 **Vocational intern – Infrastructure**,  
*Győr-Sopron-Ebenfurti Vasút Zrt. (Raaberbahn AG)*, Sopron, Hungary
- Contribution in the development of a geoinformatical software (Java)
  - Database management (Oracle, PostgreSQL)
  - Remote management and supervision of client PCs

## Languages

Hungarian native  
 English C1

## Professional skillset

languages Python, PHP, C#, Delphi, shellscrip, Microsoft PowerShell, L<sup>A</sup>T<sub>E</sub>X  
 technologies Git, SVN, Ansible, \*SQL, iptables, Nagios, Cacti, VMware ESXi, Microsoft Hyper-V

## Other skills

- leadership Excellent skills of project management and communication that I earned while performing as the Vice President, then the Financial Coordinator of the student council of my secondary school. We have been also actively involved in organizing both school-sized and town-sized events.
- media Gained experience in audio and video editing, mixing, live broadcast, acting as broadcast director at the media group of my secondary school. These skills of mine have been effectively used at work later on.
- education With conducting afternoon catch-up sessions in IT subjects (programming, database management) at secondary school for two subsequent schoolyears I had the opportunity of trying myself in the world of the education.

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## Certificates and Licenses

driver's license	AM, B	
	BrainingHub Cybersecurity Training	November 2020
	Cisco CCNA R&S – Scaling Networks	April 2018
	Cisco CCNA R&S – Routing and Switching Essentials	January 2017
	European Computer Driving Licence (ECDL)	January 2017
	Cisco CCNA R&S – Introduction to Networks	June 2016
	MikroTik Certified Network Associate	December 2015
	Cisco IT Essentials 5.0	June 2014

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## Voluntary Activities

- 2019– **Main Sponsor, Honorary Member,**  
*Student Council of Jedlik Ányos Secondary School of Information Technology, Győr, Hungary*
- 2018–2020 **Member of General Assembly,**  
*IVAO – International Virtual Aviation Organization, Galmaarden, Belgium*
- 2017–2018 **Hungary Division Director,**  
*IVAO – International Virtual Aviation Organization, Galmaarden, Belgium*
- Training and examining virtual air traffic controllers and pilots according to IVAO Training Standards
  - Developing radar client sector files and human–machine interfaces (HMI) for various countries (Albania, Bahrain, Hungary, Kosovo, Slovakia, Serbia, UAE)
- 2017–2018 **Financial Manager,**  
*Student Council of Jedlik Ányos Secondary School of Information Technology, Győr, Hungary*
- Being the financial manager of a student council with 300 members, the daily management of the incomes and outlays, budget pre-planning, etc.
  - Developing and deploying a web-based financial management software for the aforementioned tasks to make my life easier
- 2016–2017 **Vice President,**  
*Student Council of Jedlik Ányos Secondary School of Information Technology, Győr, Hungary*
- Maintaining external relations of the council and fulfilling administrative roles
  - Organizing both school- and town-sized events, representing the council on municipal and national programmes
  - Organizing citywide well-known freshmen's camps

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## Interests

- Telecommunications (mainly wired)
- Linux, script languages, relational databases, *sysadmin*-ing
- Rail transport, aviation, travelling
- Gastronomy