



Titusz Boros

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PERSONAL PROFILE

Introduction

I am a student at the Politehnica University of Timișoara and I aim to gain more professional experience alongside my university studies. I consider myself capable and flexible, ready to adapt to various conditions and requirements. I am interested in working in fields such as Systems Engineering, Software Engineering, and Programming.

EDUCATION AND TRAINING

27/09/2021 – CURRENT Timișoara, Romania

BACHELOR'S DEGREE – ENGINEER - FACULTY OF AUTOMATIC CONTROL AND COMPUTERS, DEPARTMENT OF AUTOMATIC CONTROL AND APPLIED INFORMATICS, FIELD OF SYSTEMS ENGINEERING Politehnica University of Timișoara

Address Piața Victoriei Nr. 2, 300006, Timișoara, Romania | **Website** <https://www.upt.ro/>

EXPERIENCE

15/07/2024 – 30/08/2024

Savnet CyberOps Internship Program

During my internship, I was part of a team responsible for configuring, and securing a comprehensive network infrastructure. The project involved both physical and virtual network environments, utilizing Cisco technologies and tools like GNS3. My contributions included subnetting, VLAN configuration, OSPF implementation, and the setup of DHCP, NAT, and ACLs. Additionally, I conducted cybersecurity assessments, executing various network attacks (Recon, DoS, MitM) and implementing countermeasures to enhance network security. This experience strengthened my practical skills in network administration and cybersecurity.

[Diploma](#)

SKILLS

Professional

In the twelfth grade, I created a software project to demonstrate my professional competence, which I will describe in detail below. The project required meeting deadlines, designing the structure, preparing the code, and preparing accompanying documentation. | [Professional Skills Certificate](#) | [Diploma](#) |

Link <https://1drv.ms/w/s!AvMu0QSAPQ7ujTMiPkikn19k8UWL?e=ie5pHL>

Digital - Experienced User

Throughout my years of study, I have worked extensively with computers starting from high school. Over the years, I have acquired basic digital skills such as efficient internet information searching, file management, and the ability to use Office 365 programs. Additionally, I have developed skills in various programming and design languages and software.

| [Digital Skills Certificate](#) | [Descriptive Supplement to the Digital Skills Certificate](#) |

DIGITAL SKILLS

C,C++,C# | Python, Flask | Java, SpringBoot | Oracle SQL, MySQL | Web: HTML5, CSS3, JavaScript, PHP | Angular | Android Programming - Android Studio | Arduino | Linux | Pascal / FreePascal (Delphi, Lazarus) | CCNA

PROJECTS

19/02/2024 – 30/05/2024

Mobile Application with Java

I developed this application as part of a more complex project. Our 8-person team created a real-time medical monitoring system. The main architectural components included a server, a database, sensors, a web application, and a mobile application. The system can handle multiple users with different roles, such as doctors, patients, and administrators. My role was to develop the mobile application, including both frontend and backend, which needed to communicate with the server. In addition to basic functions such as registration, login, and information display, the app features a nearly real-time chat.

Link https://github.com/Titusz1928/IP_MobileAppFinal

19/02/2024 – 31/05/2024

Full Stack Web Application with Flask, Spring Boot, Arduino

I have developed a full-stack web application for controlling an Arduino circuit and storing data in its EEPROM. I used Flask for the REST API server and Spring Boot for the Java client.

Link <https://github.com/Titusz1928/PS2N>

25/04/2023 – 29/05/2023

Veoneer - Machine Learning Track- Real-time vehicle license plate detection

During an online course, taught by the company Veoneer, we created a Python program that detects and reads license plate numbers on cars with the help of machine learning.

Link <https://verified.certifier.com/en/verify/30078033653432/>

LANGUAGE SKILLS

Mother tongue(s): HUNGARIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ROMANIAN	C2	C2	C2	C2	C2
ENGLISH	B2	B2	B2	B2	B2
GERMAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: B | 13/09/2022 – 13/09/2032

HOBBIES AND INTERESTS

Swimming, Gaming, Choir Member

ANEXE

List of Attached Documents to the CV

[High School Diploma](#)
[Linguistic Competency Certificate - HUNGARIAN](#) | [Descriptive Supplement](#)
[Linguistic Competency Certificate - ROMANIAN](#) | [Descriptive Supplement](#)
[Linguistic Competency Certificate - ENGLISH](#) | [Descriptive Supplement](#)
[Linguistic Competency Certificate - GERMAN](#)
[Driver's License - Category B](#)