



Matei Radu


Date of birth: 24/01/2004

Place of birth: Romania


Nationality: Romanian


Gender: Male

CONTACT

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europass

ABOUT ME

- Adaptable and quick to learn new skills
- Team player, reliable in group projects
- Curious about how things work and how to improve them
- Eager to deepen knowledge in areas of interest

WORK EXPERIENCE

Siemens Energy Brazi, Romania

Intern – Siemens Energy, PRAM Department (Petrobrazi Refinery)

07/2025 – 08/2025

- Assisted in troubleshooting relay protection systems
- Worked with PLC & HMI programming
- Supported SCADA server restart and relay testing
- Helped in calibrating manometers and testing electrical cells (6kV/0.4kV)

VOLUNTEERING

10/2021 – 11/2021 Ploiesti

Volunteer – Youth Hub AUSF

- Assisted teachers and supported activities at a children's house, engaging with and mentoring kids
- Participated in AUSF workshops and group projects, held both online and in-person within the community

Link <https://stropdefericire.ro>

05/10/2019 Ploiesti

Volunteer – Asociația Diabeticilor din Prahova (Prahova Diabetics Association)

Volunteered at "The Fun Ride" – 3rd Edition, a community bike event promoting health and diabetes awareness through active lifestyle initiatives

Link <https://fduploiesti.ro/activitati>

EDUCATION AND TRAINING

01/10/2022 – CURRENT Brasov, Romania

Undergraduate Student in Electrical Engineering, Information Technology and Telecommunications Universitatea Transilvania Brasov

- Telecom systems, electronics, IT & programming
- Microcontrollers, networks, signal processing
- Software tools: MATLAB, OrCAD, AutoCAD, Arduino

Website <https://www.unitbv.ro> | **Field of study** Telecommunication Systems and Technologies | **Level in EQF** EQF level 6

08/2018 – 06/2022 Ploiesti, Romania

Baccalaureate Diploma – Natural Sciences (Științele Naturii) „Spiru Haret” National College of Ploiești

- Main subjects: Mathematics, Computer Science, Romanian Language and Literature, Physics, English
- Chemistry, Biology, Economics, Logic, Psychology, Entrepreneurship, French

Website <https://www.spiruh.ro> | **Field of study** Natural Sciences

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English

Listening C1

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

SKILLS

PROGRAMMING & WEB DEVELOPMENT

Python | C++ | Java | HTML | CSS | JS

SYSTEMS & CYBERSECURITY

Penetration testing | Networking | Vulnerability Analysis | Security Auditing | Windows | Linux | VMware

EMBEDDED & TOOLS

Arduino | Raspberry Pi | Microsoft Office | PowerPoint | Excel

HOBBIES AND INTERESTS

Sports

Active tennis player with two local tournament participations, winning one.

Enthusiastic about all sports, from swimming and ball games to winter activities.

Personal Projects

-Published several projects on GitHub, including password security tools, Python desktop apps, web projects, and automation scripts, showcasing both practical solutions and experimental work

-Configured a NAS on Raspberry Pi for centralized storage and backups

-Built a secure VPN using Raspberry Pi for private network access

Travel

Traveled with my family across Europe and beyond, visiting Greece, Austria, France, the UK, Spain, Italy, and the UAE, gaining exposure to diverse cultures and experiences.