Magyar Roland

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👤 PROFILE

I'm a proactive and curious individual who enjoys staying active and exploring new skills. I regularly go to the gym and take dance classes, which keep me energized and open to new experiences.
I'm passionate about technology, especially AI, and enjoy keeping up with the latest industry news. I also love hands-on activities such as electronics and other practical DIY projects. I'm always looking for opportunities to learn and grow.

💼 PROFESSIONAL EXPERIENCE

02/2025
Satu Mare, Romania

Konecranes
Java software engineer

08/2024 – 01/2025
Satu Mare, Romania

Konecranes
Java software engineer - trainee
Wrote Java code and developed Cucumber tests for an application designed to test port terminals. Focused on automating test processes and delivering high-quality software solutions.

08/2023 – 10/2023
Satu Mare, Romania

Ambo systems
Programmer
I joined a small project as part-time job as a programmer where my primary role involved coding in C#.

07/2023 – 08/2023
Satu Mare, Romania

Zollner Electronics
Internship
Process engineer internship, and we were responsible for the continuous operation of the machines.

07/2022 – 08/2022
Satu Mare, Romania

Zollner Electronics
Internship
Process engineer internship, and we were responsible for the continuous operation of the machines.

🎓 EDUCATION

09/2020 – 07/2024
Targu Mures, Romania

Sapientia Hungarian University of Transylvania ⧉
I have gained a strong foundation in programming

languages such as C, C++, Matlab, Java, Kotlin, OOP programming, etc.

09/2016 – 06/2020
Satu Mare, Romania

Liceul Teologic Reformat
I earned a degree in Mathematics-Informatics, which provided me with a strong foundation in mathematical theory and the basic knowledge in informatics.

🏅 AWARDS

04/2025	**OTDK** University of Debrecen Presented my thesis project at the National Scientific Students Conference.
05/2024	**MTDK** University of Timisoara Awarded First Place for presenting a project on a 3D-printed robotic hand controlled through digital signal processing and image processing.
04/2024	**TDK (Scientific Student Conference)** EMTE Faculty of Technical and Human Sciences Târgu Mureș I presented my project on a 3D printed robot hand and its control using digital signal processing and image processing at the Scientific Student Conference (TDK).
02/2024	**Hackatlon** Odorheiu Secuiesc I participated in a 48-hour hackathon where I collaborated with a team to develop a reservation web application using NestJS for a cultural center.

🧠 SKILLS

- Digital signal processing
- C#
- Java
- Python
- Electronics
- Artficial intellingence
- Image processing

🌐 LANGUAGES

Hungarian ● ● ● ● ● **Romanian** ● ● ● ● ○

English ● ● ● ○ ○
B2

📑 CERTIFICATES

- Entrepreneur certificate
- AI Agent Development, Hugging Face

📁 PROJECTS

TMS ↗
This app is made in android studio and the main target was to make a social media app for car lovers.

3D printed robot hand controlling with DSP and image processing
Developed a novel 3D printed robot hand controlled using advanced techniques in digital signal processing (DSP) and image processing.