



CONTACT

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- 🌐 junklab.space

DIGITAL SKILLS

- **CAD:** Fusion 360, SketchUp
- **Electronics:** Altium Designer
- **Hardware:** Arduino, ESP32, Raspberry Pi
- Microsoft Office Suite (ECDL)

LANGUAGES

Romanian: Native
English: Proficient

DRIVING LICENCE

Categories: A (Moto), B (Car)

BERTICI PETRICĂ GHEORGHE MARIAN

PHYSICS STUDENT & MAKER

Physics researcher specializing in Crystal Growth methods combined with practical engineering skills in electronics design and 3D prototyping.

EDUCATION & TRAINING

2024 – PRESENT

Master's Degree in Physics

West University of Timișoara

- Specialization: Advanced Research Methods in Physics (ARMP).
- Focus: Crystal Growth Methods and Material Synthesis.

2020 – 2024

Bachelor's Degree in Physics

West University of Timișoara

- Graduated with a focus on theoretical and experimental physics.
- Laboratory methodology and data analysis.

GRADUATED 2020

High School Diploma

Liceul Teoretic Negrești-Oaș

TECHNICAL PROJECTS & PORTFOLIO

2020 – PRESENT

JunkLab.space (Personal Portfolio)

- **Electronics:** Designing custom PCBs using Altium Designer.
- **Embedded:** Programming automation systems with development boards.
- **3D Design:** Modeling complex parts in Fusion 360 & SketchUp for 3D printing.
- **Hardware:** Repurposing legacy hardware for educational and experimental use.

CERTIFICATIONS

Design of Optical Devices

Aumovio

Stanford Introduction to Food and Health

Coursera

**More details available at: <https://junklab.space/about.html>*

