



## CONTACT

- 📍 F.C. Ripensia, Nr. 16  
Timișoara, Romania
- ☎ (+40) 753934252
- ✉ marian\_bertici02@gmail.com
- 🌐 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 Timisoara*

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

2020 – 2024

### Bachelor's Degree in Physics

*West University of Timisoara*

- 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>*

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