

PERSONAL INFORMATION



Casapu Alexandru Cătălin

📍 Sat. Heci, Com. Lespezi, Jud. Iași, 707276 (Romania)

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Sex Male

POSITION

Head of Laboratory

WORK EXPERIENCE

2016–Present **Specialist Officer in the Department of Civil Engineering, Military Engineering and Geomatics**

Military Technical Academy "Ferdinand I", Bucharest (Romania)

03/2019–Present **Head of Laboratory in the Department of Civil Engineering, Military Engineering and Geomatics**

Military Technical Academy "Ferdinand I", Bucharest (Romania)

EDUCATION AND TRAINING

2018–Present **PhD Mechanical Engineering**
Military Technical Academy "Ferdinand I", Bucharest (Romania)

04/2019–Present **ERASMUS+ Mobility**
ENSTA Bretagne, Brest (France)
Shock wave study

2016–2018 **Master of Engineering, Special Mechanical Systems for Defense and Security Engineering**
Military Technical Academy "Ferdinand I", Bucharest (Romania)

03/2018–05/2018 **ERASMUS+ Mobility**
ENSTA Bretagne, Brest (France)
Shock wave attenuation in a shock tube

2012–2016 **Bachelor of Engineering, Military Engineering**
Military Technical Academy "Ferdinand I", Bucharest (Romania)

07/2015–09/2015 **ERASMUS+ Mobility**
OZM Research s.r.o, Blížňovice (Czechia)
Testing energetic materials

2008–2012 **High School Diploma**
The National Military College "Ștefan cel Mare", Câmpulung Moldovenesc (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills - Very good communication skills acquired as team leader and platoon commander, through participation in scientific international conferences but also through interaction with foreign persons;

Organisational / managerial skills - Ability to quickly adapt to new work environments;
- Good coordinator and organizer of group activities;
- Good team-leading skills gained as platoon commander in Military Technical Academy.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Good command of office suite (Word, Excel, PowerPoint);
- Programming: Matlab, MathCAD;
- Computer Aided Graphics: SolidWorks, AutoCAD;
- Software for Finite Element Analysis & Design: ANSYS (Static Structural, AUTODYN), ABAQUS;