



ABOUT

I have worked as a research assistant and underwent a professional reconversion. Currently I am employed as a Junior Java Developer where I continue to grow.

SKILLS

- Java
- PostgreSQL
- OOP
- Linux

- Team Player
- Analytical Thinking
- Critical Thinking
- Adaptable

LINKS

- [Github](#)
- [LinkedIn](#)

EDUCATION

- **Physics Ph.D. student**
Babeş-Bolyai University,
Cluj-Napoca, Romania
2014-ongoing
- **Master's degree in "Solid State Physics" (in english)**
Babeş-Bolyai University,
Cluj-Napoca, Romania
2012-2014
- **Bachelor's degree in physics**
Babeş-Bolyai University
Cluj-Napoca, Romania
2008-2011

EXPERIENCE

- **Junior Java Developer | 2021 - ongoing**
ERNI Development Center Romania SRL
Software development.
- **Consultant | 2019-2020 | 2020-2021**
Universitatea Babeş-Bolyai
I held remedial mathematics lectures for 1st year physics students. This was achieved on a ROSE project that aims for reduce the number of student that abandon their studies.
- **Research Assistant | 2018-2019**
INCDTIM, Cluj-Napoca
The main project I worked on proposed the study of 2D structures formed using porphyrin. This was realised using, mainly, the density functional theory (DFT) and Wannier functions. Thus, I had to learn both aforementioned methods as they were the main tools I used. Aside from the main project, I contributed to a few other side projects, for which I mainly used DFT, as well.
- **Research Assistant | 2016-2017**
Universitatea Babeş-Bolyai
Project: "Theoretical study of complex polymer networks"

LANGUAGES

- **Mother tongue : Romanian**

Other languages:

	Listening	Reading	Speaking	Writing
English (self-evaluation)	C1	C1	C1	B2-C1
German (TestDAF - 2007)	B2-C1	B2-C1	B2-C1	B2-C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

ADDITIONAL INFORMATION

- **9 publications in ISI indexed journals (co-author):**
<https://orcid.org/0000-0002-7389-2914>
<https://www.scopus.com/authid/detail.uri?authorId=57191706361>
- **Conference participation:**
 - "The 17th International Balkan Workshop on Applied Physics", 11-14th of July 2017, Constanța, Romania (with oral presentation)
 - "2nd Autumn School on Physics of Advanced Materials", 8-14th of September 2016, Cluj-Napoca, Romania (with poster)
 - "Molecular Modeling in Chemistry and Biochemistry", 28-30th of October 2018, Cluj-Napoca, Romania (with poster)