



Onija Radu-loan

Date of birth: 21/12/2001 | **Nationality:** Romanian | **Phone number:** (+40) 721861380 (Work) | **Email address:** Radu.onija@stud.ubbcluj.ro | **Address:** Calea Manaştur nr.85 ap.60 Bl.E11, 400372, Cluj-Napoca, Romania (Home)

EDUCATION AND TRAINING

15/09/2020 – 15/06/2023 Cluj-Napoca, Romania

BACHELORS DEGREE IN CHEMISTRY Babes Bolyai University

Website <https://www.ubbcluj.ro> | **Field of study** Chemistry

01/10/2023 – 02/07/2025 Cluj-Napoca, Romania

MSC IN CHEMISTRY Babes Bolyai University

Field of study Chemistry

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	B1	A2	B2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

WORK EXPERIENCE

NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT FOR ISOTOPIC AND MOLECULAR TECHNOLOGIES – CLUJ-NAPOCA, ROMANIA

Business or Sector Professional, scientific and technical activities | **Department** Materials, Energy and Advanced Technology |

Address Str. Donat nr. 67-103, 400293, Cluj-Napoca, Romania | **Email** radu.onija@itim-cj.ro | **Website** <https://en.itim-cj.ro/>

RESEARCH ASSISTANT – 16/10/2025 – CURRENT

- Molecular dynamics
- DFT and ab initio calculations
- Computational chemistry

SKILLS

Python programming | Good use of Linux OS | Ab initio and DFT computational methods | Good use of computational chemistry programs (Gaussian AMBER, Orca, Molcas etc.) | Molecular dynamics methods