



Ioan Petrovai

Nationality: Romanian | **Phone number:** (+40) 0000000000 (Phone) |

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ABOUT ME

- I am an avid and enthusiastic traveler who has explored various cultures and lifestyles around the world, looking for those unique flavors such as food, music, art that defines each culture.
- Love to play sports and dancing.
- Avid reader.

WORK EXPERIENCE

01/03/2012 – 15/06/2015 Chicago, United States

ANALYST STAT

- Prepared and extracted environmental samples to be analyzed using Gas Chromatography techniques and performed method development
- Qualitative and Quantitative Analysis of environmental samples using GC looking for PCB's, SVOC, TPH organic compounds using US EPA Methods.
- Prepared standards and reagents for laboratory use to conduct organic analysis
- Calibrated, maintained the GC systems, this including Source cleaning, tuning and optimizing systems for specific analytical methods

03/2006 – 11/2007 Cluj Napoca, Romania

TECHNICAL WRITER IN SOFT INC

- Editor - responsible for editing technical articles, writing articles related to technical field.
- Conducted market research for Environmental Green Energy products and their potential applicability.
- Wrote analytical reports based on interpretation of data from product line research.
- Wrote new content and editing content for interdepartmental documentation, such as training and marketing materials.
- Created technical documentation and corporate documentation.

EDUCATION AND TRAINING

2017 – CURRENT Cluj Napoca, Romania

PHD STUDENT Babeş-Bolyai University - Faculty of Physics

Website <http://phys.ubbcluj.ro> | **Field of study** Perovskites and conjugated Polymers |

Thesis Innovative processing of halide perovskites and conjugated polymers for film-based optoelectronics

2004 – 2006 Cluj Napoca, Romania

MASTER OF SCIENCE Babeş-Bolyai University - Faculty of Physics

Website <http://phys.ubbcluj.ro> | **Field of study** Complex Molecular Systems |

Thesis Determination of THM's in drinking water using GC-MS methods.

1999 – 2003 Cluj Napoca, Romania

BACHELOR OF SCIENCE Babeş-Bolyai University - Faculty of Physics

Website <http://phys.ubbcluj.ro> | **Field of study** Mathematics and Physics |

Thesis Complex Cu(II) compounds in reaction with amino acids and urea.

● 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	C1	C1	C1	C1	C1
ITALIAN	C1	C1	C1	C1	B2
SPANISH	B2	B2	B1	B1	B1

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

● DIGITAL SKILLS

Microsoft Office Tools (Word, Excel, Access, PowerPoint, Outlook), LIMS, Android Apps. | Software and Hardware advanced troubleshooting skills | Origin software for data analysis

● ADDITIONAL INFORMATION

COMMUNICATION AND INTERPERSONAL SKILLS

Excellent Communication Skills Highly versatile; quickly masters new roles, responsibilities, technologies and environments. Reputation for integrity, problem solving abilities, work ethic, analytical skills and competent researcher.

Knowing which communication tools and services (e.g. phone, email, video conference, text message) are appropriate to use in different circumstances.

Understanding how to apply for a job using a digital platform (e.g. fill in a form, upload my CV and photo)

Editing shared, online documents

Knowing how to behave online according to the situation (e.g. formal vs informal behavior)

Interpersonal Skills Calm demeanor in the face of difficulties; ability to juggle several projects simultaneously while working under pressure in fast-paced environments.

Interact easily with people of diverse backgrounds, cultures, and professional levels.

DRIVING LICENCE

Driving Licence: B