



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Balan Ionut
Telephone(s) Mobile: +40 740206706
E-mail ibalan@icpe-ca.ro (work e-mail), ib4lan@yahoo.com (personal e-mail)
Nationality Romanian
Date of birth 07.07.1983
Gender Masculin

Desired employment / Occupational field

INCDIE ICPE-CA / RESEARCH-DEVELOPMENT

Work experience

Dates Engineer Physicist August 2007 – present
Technician December 2005 - August 2007
Occupation or position held Engineer Physicist
Main activities and responsibilities Studies and experimental research on electromagnetic compatibility, Materials used for electromagnetic screens, Nano-structured magnetic materials, Self-coauthor of several published scientific papers, Participation in workshops, National and International conferences
Name and address of employer INCDIE ICPE-CA, Splaiul Unirii nr.313, sector 3, Bucharest
Type of business or sector Research and Development

Education and training

Dates 01.10.2007 – 01.02.2009
Title of qualification awarded Master Degree
Principal subjects/occupational skills covered Physics of liquid crystals, Microwave, Structural and physical analysis of polymers, electronic and optoelectronic devices based on planar organic semiconductors, Dielectrics Physics
Name and type of organisation providing education and training University of Bucharest / Faculty of Physics
Level in national or international classification Advanced Education
Dates 01.10.2002 – 01.06.2007
Title of qualification awarded Bachelor Degree
Principal subjects/occupational skills covered Mathematics, Electricity, General Chemistry, Quantum Mechanics, Optics, Electronics, Electrodynamics, Thermodynamics, Solid state physics, laser techniques and applications, Plasma, Metrology of semiconductor materials, Electromagnetic organic materials
Name and type of organisation providing education and training University of Bucharest / Faculty of Physics

Level in national or international classification Advanced Education

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, Italian, French**

Self-assessment
European level ()*

Language English

Language Italian

Language French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
A2	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user
A2	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Teamwork, Communication skills and interpersonal understanding, Intercultural communication skills, Negotiations, Public relations, Serious, Creative, Dynamic, Good capacity for assimilation of new work techniques, Adaptable and flexible in relationships, Concern for the continuing professional development and lifelong learning, Logistics

Organisational skills and competences

Decision-making skills, Leadership skills, Capacity of synthesis, analysis and organizational capacity exercised in year as the representative of the Faculty of Physics

Technical skills and competences

Experience working with scientific instruments and experimental equipment acquired during the years of both college and in the National Research and Development Institute for Electrical Engineering ICPE-CA INCDIE
Operating capacity of specific equipment electromagnetic compatibility (spectrum analyzers, power-meters, signal generators, etc. thermovision room) area where I am currently working

Computer skills and competences

Basic knowledge on the use of graphic editor Corell Draw, Basic skills projects in AutoCAD and NX CAD / CAM, Good Knowledge in using the following programs: Microsoft Office, Windows XP, Vista, Configuring TCP / IP, Knowledge of experimental data processing using specialized software: Origin

Artistic skills and competences

Good grasp of the means of communication of ideas in writing in a harmonious aesthetic

Other skills and competences

Hobbies: Travel, Cars, Football

Driving licence

Category B

Additional information

Include here any other information that may be relevant, for example contact persons, references, etc. (Remove heading if not relevant, see instructions)

Annexes

Certificate of completion of NX 6 Assemblies and Design NX 6 CAD/CAM
Certificate of attendance at the seminar of VNA Basics and ZVB Operation Training
Certified mechanical heat engines
Quoted review paper published in ISI: C. Morari, J. Pintea, J. Neamtu, I. Balan - *"Electromagnetic Shields Attenuation"*, REVUE ROUMAINE DES SCIENCES TECHNIQUES Vol. 53, 2008, pp. 123-128, ISSN 0035-4066.
Currently PhD student at the Polytechnic University of Bucharest, Faculty of Electronics Telecommunications and Information Technology
Membership of professional associations ACER