



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Marian-Daniel IORDACHE**

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Nationality Romanian

Date of birth 7 September 1982

Gender Male

Work experience

Dates **Oct. 2006 – Jan. 2008**

Occupation or position held Assistant programmer

Main activities and responsibilities - electronic design automation tools development (using MATLAB)
- research activity – RF circuits, magnetic actuation in microelectronics systems
- databases maintenance
- test of computer codes

Name and address of employer Electrical Engineering Research Center, Bucharest

Type of business or sector Engineering/Research

Dates **May 2005 – September 2006**

Occupation or position held Metrology verifier

Main activities and responsibilities - metrological verification/calibration of measuring devices
- maintaining relations with company partners

Name and address of employer SIMAR S.A., 1st Preciziei Street, Bucharest

Type of business or sector Industry/Metrological services

Education and training

Dates **2001 – 2006**

Title of qualification awarded Master of Science

Principal subjects/occupational skills covered Electrical Engineering, Computer Aided Electrical Engineering

Name and type of organisation providing education and training "Politehnica" University of Bucharest, "Electrical Engineering" Faculty, department: "General Electrotechnics", specialization: "Computer Aided Electrical Engineering", final project grade 9,75 from 10; licence paper: "Generating system for the rotation matrix" (including SPICE simulation of the system)

Dates **2005**

Title of qualification awarded Certificate of Competences in Metrology

Principal subjects/occupational skills covered - general knowledge of metrology domain; specialisation on electrical and force devices

Name and type of organisation providing education and training Romanian Office for Legal Metrology, Bucharest

Dates **2004**

Title of qualification awarded Measuring Systems Course Graduate Diploma
Principal subjects/occupational skills covered - detailed knowledge of measuring science, applied in electrical engineering
Name and type of organisation providing education and training Centre of Metrology and Measurement Engineering, Politehnica University of Bucharest

Dates **2004**

Title of qualification awarded The Certificate of Linguistic Ability for French
Principal subjects/occupational skills covered - verification test of knowledge of the French language
Name and type of organisation providing education and training Modern Languages Department , "Politehnica" University of Bucharest

Dates **1997 – 2001**

Title of qualification awarded Graduation Diploma; Assistant Programmer Diploma; multiple awards and honourable mentions in regional competitions (mathematics, informatics, French)
Principal subjects/occupational skills covered Informatics, programming, mathematics, physics, foreign languages
Name and type of organisation providing education and training "I.L.Caragiale" National College, Ploiesti, Prahova; specialization: Informatics, 9.58 from 10

Personal skills and competences

Mother tongue(s) **Romanian**

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

Self-assessment
European level ()*

English
French
Portuguese

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

(*) *Common European Framework of Reference for Languages*

Social skills and competences My first job, involving official trip in most of the romanian regions, helped me to contact many people and to improve my communication skills. The second job, concentrated on research efforts together with national and foreign partners, was a good opportunity for me to know more about how to communicate with new persons, many of them from other countries.

Organisational skills and competences In 2005-2006, I was maintaining the business relations of my employer with the customers. I prepared also several folders for auctions.

Technical skills and competences The Electrical Engineering Faculty that I graduated and the researcher position contributed to the development of my knowledge in the technical domain and to my continuous specialization in Electrical Engineering. During the faculty, I was looking into computer aided engineering.

Computer skills and competences

- **Operating Systems:** Microsoft Windows (9x/NT/XP/Vista), Linux
- **Programming:** C, Matlab, Scilab
- **Databases:** Microsoft Office Access, FoxPro
- **Circuit theory and electromagnetic field theory:** Orcad Spice, FEMM, FAP
- **Others:** Microsoft Office (Word, Excel, PowerPoint), Mathcad

Other activities Between 2005 and 2007 I aided Mr. Dumitru Stanciu, Associate Professor at Politehnica University of Bucharest, to conceive and edit two books in the area of electronics: "Analogical Electronics" and "Analysis of the Power Electronic Converters Using State Variables", his appreciation for my support being expressed in their forewords

Driving licence B category (since 2003)