



## Europass Curriculum Vitae

### Personal Information

First Name(s)/Surname(s) Strambeanu,Dumitru  
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Nationality Romanian

Date of birth 02.12.1949

Gender Male

Desired employment / Occupational field **NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN ELECTRICAL ENGINEERING ,ICPE-CA'** Bucharest /vibrations , dynamic balancing ,functional parameter monitoring (medium ,electrical ,mechanical,etc.), industrial electrical generators of high frequency inductive and capacitive

### Work experience

Dates 15.04.2001 - prezent

Occupation and position held Technological development engineer II degree

Main activities and responsibilities Research,projecting , execution ,homologation products in electrotechnical domain, elaborating technical documentations , activities in quality assurance domain

Name and address of employer National Institute for Research and Development in Electrical Engineering `ICPE-CA` Romania ,Bucharest, Splaiul Unirii, no.313 , 030138

Type of business or sector research– development in electrical field

Dates 15.06.1995 - 14.04.2001

Occupation and position held engineer

Main activities and responsibilities Research,projecting,execution, homologation products in electrotechnical domain,elaborating technical documentations , industrial generators of high frequency

Name and address of employer Commercial Society ICPE-SA

Type of business or sector Research-development for electrotechnica

Dates 01.07.1976 pana in 15.06.1995

Occupation and position held Principal subengineer

Main activities and responsibilities Research,projecting , execution ,homologation products in electrotechnical domain, elaborating technical documentations;industrial generators of high frequency

Name and address of employer Commercial Society ICPE-SA

Type of business or sector Research-development in electrical engineering

### Education and training

| Dates  | Jan.1990- jun. 1993  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
|--|--|---------------|------------------|--------------------|-----------------|-------------------|-----------------|--------------------|------------------|---------|--|-----------|--|---------|--|--------------------|--|-------------------|--|--------------------|--|----|------------------|----|------------------|----|-----------------|----|-----------------|----|------------------|----|------------------|----|--|----|-----------------|----|-----------------|----|------------------|
| Title of qualification awarded                                 | Electrotechnical engineer – electrotechnologies speciality / Engineer Diploma  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Principal subjects/occupational skills covered                 | Devices and electrical measures ,static and dynamic electrical machines ,electrical actuations ,system theory of automated regulation,power electronics,electrotechnologies  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Name and type of organisation providing education and training | POLITEHNICA University Bucarest / Electrotechnica faculty  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Dates  | Dec. 1972 – jun. 1976  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Title of qualification awarded                                 | Subengineer Electrotechnica – electrical devices and machines / subengineer diploma  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Principal subjects/occupational skills covered                 | Electrical measures and devices ,static and dynamic electrical machines ,electrical actuations   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Name and type of organisation providing education and training | POLITEHNICA University Bucarest / Electrotechnica faculty – day course   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Level in national or international classification              | Higher studies   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| <b>Personal skills and competences</b>                         |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Mother tongue(s)   | Romanian   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Other language(s)  |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Self-assessment<br><i>European level (*)</i>                   |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| <b>French</b>  |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| <b>Russian</b>   |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
|  | <table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2">Writing expression</th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>A2</td> <td>Elementary user</td> <td>A2</td> <td>Elementary user</td> <td>B2</td> <td>Independent user</td> </tr> <tr> <td>B2</td> <td>Independent user</td> <td>B2</td> <td></td> <td>A2</td> <td>Elementary user</td> <td>A2</td> <td>Elementary user</td> <td>B2</td> <td>Independent user</td> </tr> </tbody> </table> | Understanding |                  |                    |                 | Speaking          |                 |                    |                  | Writing |  | Listening |  | Reading |  | Spoken interaction |  | Spoken production |  | Writing expression |  | B2 | Independent user | B2 | Independent user | A2 | Elementary user | A2 | Elementary user | B2 | Independent user | B2 | Independent user | B2 |  | A2 | Elementary user | A2 | Elementary user | B2 | Independent user |
| Understanding  |  |               |                  | Speaking           |                 |                   |                 | Writing            |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Listening  |  | Reading       |                  | Spoken interaction |                 | Spoken production |                 | Writing expression |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| B2   | Independent user   | B2            | Independent user | A2                 | Elementary user | A2                | Elementary user | B2                 | Independent user |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| B2   | Independent user   | B2            |                  | A2                 | Elementary user | A2                | Elementary user | B2                 | Independent user |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
|  | <i>(*)<a href="http://www.cedefop.europa.eu">Common European Framework of Reference for Languages</a></i>  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Social skills and competences                                  | Team spirit<br>Very good communication skills<br>Adapting capacity   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Organisational skills and competences                          | Responsible for quality<br>Organizational spirit<br>Very good experience   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Technical skills and competences                               | Projecting and execution industrial equipments in electrical field   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Technical skills and competences                               | Microsoft Office (Word , Excel ,Power Point) –medium level   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Artistic skills and competences                                |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Other skills and competences                                   | Research activities : non-contact optical systems for scanning and measuring with very high accuracy, based on the triangulation principle and grey tone correlation captured with CCD cameras , used in reverse engineering and quality control   |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |
| Driving licence  |  |               |                  |                    |                 |                   |                 |                    |                  |         |  |           |  |         |  |                    |  |                   |  |                    |  |    |                  |    |                  |    |                 |    |                 |    |                  |    |                  |    |  |    |                 |    |                 |    |                  |

**Additional information**

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Annexes | On demand

**Annex**

Accumulated experience (including managerial experience) in other programmes /projects national/international in **2009-2014** period :

| Project/Programme  | Function              | Period    |
|--|-----------------------|-----------|
| <b>PN II 71-052/2007</b> : Computerized system for measurement and analysis of rolling profiles in order to increase the safety of guidance and rolling quality in exploitation and also the synthesis of new profiles at railway vehicles | Researcher Specialist | 2007-2010 |

**Letters patent:** System for measurement and analysis of wheel tread profile for railway vehicles: Popovici Iuliu, Lipcinski Daniel, Strambeanu Dumitru, Medianu Silviu; RO127557 - A2, 29.06.2012.

**Published articles**

- MEDIANU Silviu Octavian, Gimi Aurelian RIMBU, POPOVICI Iuliu Romeo, LIPCINSKI Daniel, STRAMBEANU Dumitru.  
System for diagnosis of rolling profiles of the railway vehicles -Mechanical Systems and Signal Processing vol.48, Issues 1-2, 3 Oct. 2014, pages 153-161.
- SEBESAN I., Spiroiu M., Dumitru L., Popovici Iuliu Romeo, Strambeanu Dumitru, Lipcinski Daniel,  
Study regarding the influence of screw fixing for the device of traction - connection - collision on safety guidance at curve circulation for railway vehicles , National Conference of rolling material for railway vehicles 26 & 27 november 2009, Bucharest , Matrix Rom Publisher , ISSN 1843-9888, pp 19-36 .
- STRAMBEANU Dumitru MEDIANU Silviu, POPOVICI Iuliu, LIPCINSKI Daniel, SEBESAN Ioan, GHITA Gheorghe,.A new computerized stand solution for testing the air distributors of the braking equipment, for the railway vehicles - AGIR 13-14 sept 2012, pag 149-154 , ISSN-2248-3548,
- MEDIANU Silviu Octavian, POPOVICI Iuliu Romeo, LIPCINSKI Daniel, STRAMBEANU Dumitru, SEBESAN Ioan, GHITA Gheorghe, BAIASU Dan, Measurement and analysis system of geometrical profiles with application at rolling profiles of railway vehicle wheels – COMEFIM 10, 19 may 2011
- MEDIANU Silviu Octavian, POPOVICI Iuliu Romeo, LIPCINSKI Daniel, STRAMBEANU Dumitru, SEBESAN Ioan, GHITA Gheorghe, Portable system for measuring , analysis and diagnosis of rolling profiles for railway vehicle wheels – AGIR , 29 april 2011, ISSN-L 1224-7928

I admit on my own responsibility that the presented dates are in conformity with the reality .

**Signature,****Date: 20.08. 2014****CNP 1491202400291**