

## Curriculum vitae Europass

### Personal information

Name / First Name **APOSTOL / Valentin Gheorghe**  
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Nationality(-es) Romanian  
Date of birth  
Gender Male

### Professional experience

#### Education and training

1983 Graduate of Dimitrie Cantemir High School in Bucharest  
1988 Graduate of the Polytechnic University of Bucharest, Faculty of Mechanics  
1999 Doctorate in the field of science TECHNICS, specialization THERMOTECHNICS with the theme "Research on optimization of the power and economy indexes of cryogenic dampers and piston volumetric pneumatic motors"  
1990 Graduate of the "Leadership through Quality" course organized by RANK XEROX at the Bucharest Academy of Economic Studies  
2000 Participant in the technical seminar refrigeration and climate plants "Piston and screw compressors" organized by BITZER in Sindelfingen, Germany,  
2004 Participant in the technical seminar refrigeration and climate plants "Piston and screw compressors" organized by BITZER in Sindelfingen, Germany,  
2006 Participant in the "General Management" course organized by Marco & Alex in Bucharest, Romania,  
2012 Participant at the technical seminar refrigeration and climate control plants "Cascade CO2 refrigeration installations in the subcritical range" organized by BITZER in Sindelfingen, Germany  
2015 Participant at the technical seminar refrigeration plants "Cascade CO2 refrigeration installations in the subcritical range" organized by BITZER in Sindelfingen, Germany,

### Professional experience

<i>Period</i>	2014 – current
<i>Occupation or position held</i>	Member of the Board of Directors
<i>Main activities and responsibilities</i>	Leadership and coordination activities
<i>Employer name and address</i>	Marco & Alex Distribution, Bucharest, Bd. Theodor Pallady, no.127-133, sector3, 032258, Bucharest, Romania
<i>Type of business or sector of activity</i>	Service
<i>Period</i>	2014 – current
<i>Occupation or position held</i>	Member of the Board of Directors
<i>Main activities and responsibilities</i>	Leadership and coordination activities
<i>Employer name and address</i>	Marco & Alex Distribution, Bucharest, Bd. Theodor Pallady, no.127-133, sector3, 032258, Bucharest, Romania
<i>Type of business or sector of activity</i>	Service
<i>Period</i>	2014 – current
<i>Occupation or position held</i>	Member of the Board of Directors
<i>Main activities and responsibilities</i>	Leadership and coordination activities

<i>Employer name and address</i>	Marco & Alex Refrigeration Systems, București, , Bd. Theodor Pallady, no.127-133, sector3, 032258, Bucharest, Romania
<i>Type of business or sector of activity</i>	Service
<i>Period</i>	Oct. 2010 – 2014
<i>Occupation or position held</i>	Director S.C. Marco & Alex Refrigeration Systems
<i>Main activities and responsibilities</i>	Leadership and coordination activities S.C. Marco & Alex Refrigeration Systems
<i>Employer name and address</i>	Marco & Alex Refrigeration Systems, Bd. Theodor Pallady, no.127-133, sector3, Bucharest, Romania
<i>Type of business or sector of activity</i>	Service
<i>Period</i>	2013 – current
<i>Occupation or position held</i>	Member of the Board of Directors
<i>Main activities and responsibilities</i>	Leadership and coordination activities
<i>Employer name and address</i>	ICEMENERG, Bucharest
<i>Type of business or sector of activity</i>	Energy research and consultancy
<i>Period</i>	Oct. 1997 – 2010
<i>Occupation or position held</i>	Director S.C. Marco & Alex Instalatii Frig SRL
<i>Main activities and responsibilities</i>	Leadership and coordination activities
<i>Employer name and address</i>	S.C. Marco & Alex Instalatii Frig SRL, Bd. Theodor Pallady, no.127-133, sector3, 032258, Bucharest, Romania
<i>Type of business or sector of activity</i>	Service
<i>Period</i>	1999 – 2000
<i>Occupation or position held</i>	Advisor
<i>Main activities and responsibilities</i>	Technical counseling
<i>Employer name and address</i>	R.A. Official Gazette, Bucharest, Romania
<i>Type of business or sector of activity</i>	Research
<i>Period</i>	1998
<i>Occupation or position held</i>	Technical expert
<i>Main activities and responsibilities</i>	Technical expertise within the Soimul, Alpin, Teleferic hotel group
<i>Employer name and address</i>	Cibela Grup, Bucharest, Romania
<i>Type of business or sector of activity</i>	Research
<i>Period</i>	1995-1998
<i>Occupation or position held</i>	Advisor
<i>Main activities and responsibilities</i>	Technical counseling
<i>Employer name and address</i>	S.C. Tehnoservice S.R.L., Bucharest, Romania
<i>Type of business or sector of activity</i>	Research
<i>Period</i>	2009 – current
<i>Occupation or position held</i>	lecturer
<i>Main activities and responsibilities</i>	Didactic and research activities in the field of Thermodynamics, Heat and Refrigeration Machines
<i>Employer name and address</i>	"Polytechnics" University of Bucharest, Faculty of Mechanical Engineering, Department of Thermotechnics, Thermal and Refrigerating Machines, Splaiul Independenței, no. 313, sector 6, 060042, Bucharest, Romania
<i>Type of business or sector of activity</i>	didactic, research
<i>Period</i>	1991-2009
<i>Occupation or position held</i>	Head of works / assistant / trainer
<i>Main activities and responsibilities</i>	Didactic and research activities in the field of Thermodynamics, Heat and Refrigeration Machines

Employer name and address \*Polytechnics\* University of Bucharest, Faculty of Mechanical Engineering, Department of Thermotechnics, Thermal and Refrigerating Machines, Splaiul Independenței, no. 313, sector 6, 060042, Bucharest, Romania

Type of business or sector of activity didactic, research

Principal subjects studied /occupational skills gained Thermodynamics, Refrigeration Plants, Cryogenics

The name and type of educational institution / training provider Polytechnic University of Bucharest, Faculty of Mechanical Engineering

Period 1990-1991

Occupation or position held Design engineer / design engineer III

Main activities and responsibilities Designer

Employer name and address Institute of Metalworking Design IPROMET, Bucharest, Romania

Type of business or sector of activity design of equipment and installations used in the metallurgical industry

Period 1988-1989

Occupation or position held Maintenance engineer

Main activities and responsibilities Coordination of maintenance department

Employer name and address Special Steel Smelter, COST, Targoviste, Romania

Type of business or sector of activity Maintenance of automatic forging equipment

Type of business or sector of activity Production and maintenance

Self-assessment European level (*)	Comprehension		Spoken				Written			
	Listening		Reading		Participation in a conversation		Oral discourse		Written expression	
<b>English</b>	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
<b>French</b>	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	B2	Independent user

(\*) Level of the Common European Reference Framework for Foreign Languages

Social skills and competences ability to adapt to multicultural environments  
team spirit;  
communication skills obtained as a result of accumulated leadership experience.

Organizational competences and skills Director of a National Grant (3 years), Director of a CNCSIS Grant (2 years); Project Leader of UPB in ERASMUS E-Learning Training Contract (1 year); Project Director from UPB to 3 National Competition Research Contracts; Director of the Department of Engine Thermotechnics and Heat and Refrigeration Equipment

Technical competences and skills Technical expertise in the field of thermal equipment

Computer competences and skills Microsoft Office™ tools (Word™, Excel™, PowerPoint™);  
MathCad, FORTRAN, EES, RefProp  
Numerical modeling and simulation in the fields of Thermodynamics, Mass and Heat Transfer, Stirling Machines, Refrigeration and Cryogenic Plants

Artistic competences and skills ----

Other competences and skills -

Driver's license(s) YES, Category B

## Additional Information

Publications: 109 articles in magazines and volumes (32 articles indexed by ISI Thomson Reuters or BDI published in specialized journals, of which 19 in magazines and 13 in volumes of international conferences, 16 specialist journals of national circulation recognized by CNCIS, 28 in volumes of internationally recognized scientific manifestations, organized in the country and abroad, 32 in volumes of national scientific manifestations); 9 published books (2 first author); 46 contracts out of which 44 scientific research and 2 international; for 12 of them I was the director or responsible; I led the scientific research activity of the students, who presented 80 papers in communication sessions, of which 60 papers received awards; 15 experimental research and teaching benches.

1 term as a guest Professor at the Henri Poincaré University in Nancy, France April 1997.

Member of the professional bodies:

The Romanian Society of Thermotechnicians,

The Association of Refrigerators and Cryogenics in Romania,

Founding member of the "Association of Professionals in Thermotechnics, Energy, Environment and Acoustics" (APTEMA) 2010

Member of the International Cold Institute IIF Commission B2 since 2011

Distinctions and awards:

during university: 3 prizes from the Polytechnic University of Bucharest;

1 mention at the National Session of Student Scientific Organizations in Romania, 1988-1989;

Prize of originality, Romanian Society of Thermotechnicians, Bucharest 1993

## Annexes

- Engineer diploma issued by the Polytechnic Institute of Bucharest, Faculty of Mechanics
- Doctor's degree from the Polytechnic Institute of Bucharest