

Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **Moldovan, Cristian Emil – PhD.Eng.**
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E-mail Moldo80@yahoo.com; cristian.moldovan@upt.ro
Nationality Romanian
Date of birth 12 July 1980
Gender Male

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2015, april-june</p> <p>Invited Researcher</p> <p>Design and construction of a compliant quadruped robot leg</p> <p>DLR – German Aerospace, Robotics and Mechatronics Centre, Oberpfaffenhofen, Münchener Straße 20, 82234 Weßling</p> <p>Research and Development</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2013-present</p> <p>Lecturer</p> <p>Artificial Intelligence Course (search, expert systems, neuronal nets, fuzzy logic, a.o.) Systems Simulation Course (Finite Element Method, Signals and Systems) – since 2016 Programming Course (Visual Basic .NET, MySQL, PHP, HTML) – disengaged 2016 Laboratory: Mechanisms, Mechatronic System Design, Robotic Applications (MSc)</p> <p>Universitatea Politehnica Timisoara, Mechanics Faculty, Mechatronics Department Bv.Mihai Viteazu, Nr.1, Timisoara, Romania</p> <p>Education</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>2007-2013</p> <p>Teaching Assistant</p> <p>Laboratory Mechanisms, Mechatronic System Design, Visual Basic, MySQL</p> <p>Universitatea Politehnica Timisoara, Mechanics Faculty, Mechatronics Department</p> <p>Education</p>

Dates 2004
 Occupation or position held Network Administrator
 Main activities and responsibilities Helpdesk, troubleshooting Win, Office a.o. PC related problems
 Name and address of employer Siemens VDO Timisoara
 Type of business or sector IT

Dates 2003-2004 and 2004-2007
 Occupation or position held Quality Engineer
 Main activities and responsibilities Supervizing the production process
 Name and address of employer Sc PHOENIX SA Buzias, Str.Grivitei, nr.2
 Type of business or sector Food Industry – Mineral sparkling water plant

Education and training

Dates 2007 - 2012
 Title of qualification awarded PhD Diploma, Thesis title: "Contributions to the analysis and synthesis of centrode type mechanisms", 26.04.2012
 Principal subjects/occupational skills covered Mechanical Engineering, Mechanisms and Linkages
 Name and type of organisation providing education and training Universitatea "Politehnica" Timisoara
 Piata Victoriei, nr.2, 300006 Timisoara (Romania)
 Level in national or international classification ISCED 6

Dates 1998-2003
 Title of qualification awarded Engineering Degree in Industrial Robots in German language
 Principal subjects/occupational skills covered Mechanics, Electrotechnics, Programming
 Name and type of organisation providing education and training Universitatea "Politehnica" Timisoara
 Piata Victoriei, nr.2, 300006 Timisoara (Romania)

Personal skills and competences

Other language(s) **English, German, French, Slovakian**

Self-assessment
European level ()*

English

German

French

Slovakian

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C1	C1	C1	
C2	C2	C1	C1	C1	
A1	A1	A1	A1	A1	
A1	A1	A1	A1	A1	

Social skills and competences Social person, Team player, Good communication skills

Organisational skills and competences Some business and human resources management skills acquired as board member at SC Phoenix SA Buzias 2003-2007

Technical skills and competences Capable of designing a technological workflow, mechatronic device
 CAD, Embedded Programming, PLC's, Industrial Robot Programming – KUKA Certificate.

Computer skills and competences	Windows, MS Office, Visual Basic .NET, CATIA, ProE, AutoCAD, Mathcad, LabVIEW, Web Design, MySQL, PHP
Artistic skills and competences	Web Design, Dance
Other skills and competences	Sports enthusiast (football especially)
Driving licence	Type B