



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Ioan-Valentin Sita	
Address(es)	Nr.46A, Mircea Eliade, 400364, Cluj-Napoca, Romania	
Telephone(s)	+40264401433	Mobile: +40722180133
Fax(es)	+40264592055	
E-mail	Valentin.SITA@gmail.com	
Nationality	Romanian	
Date of birth	25 July 1983	
Gender	Male	

Work experience

Dates	2007 - Present	
Occupation or position held	BMS Manager	
Main activities and responsibilities	Project management	
Name and address of employer	S.C. GREEN COMPUTERS S.R.L., 11B, Eftimie Murgu, Cluj-Napoca,	
Type of business or sector	Automation, Building Automation	
Dates	2011- Present	
Occupation or position held	University Lecturer	
Main activities and responsibilities	Teaching and research activities	
Name and address of employer	Automation Dept., Automation and Computer Science Faculty, TU of Cluj-Napoca	
Type of business or sector	Control Engineering	

Education and training

Dates	2007	
Title of qualification awarded	Bachelor Diploma	
Principal subjects/occupational skills covered	Control Engineering	
Name and type of organisation providing education and training	Technical University of Cluj-Napoca, Automation and Computer Science Dept.	
Level in national or international classification	Diplomat Engineer	
Dates	2009	
Title of qualification awarded	MSc	
Principal subjects/occupational skills covered	Control Engineering	

Name and type of organisation providing education and training	Technical University of Cluj-Napoca, Automation and Computer Science Dept.		
Level in national or international classification	Master in Advanced Process Control		
Personal skills and competences			
Organisational skills and competences	Planning works received after the deadlines, the organization of the assigned staff		
Technical skills and competences	Achievement of complete and integrated automation systems, remote monitoring, fire detection, intrusion detection, video surveillance, access control, electric power back-up.		
Computer skills and competences	Known operating systems: Microsoft Windows, Linux, MacOS Operating software: Microsoft Office, Matlab, Eagle, Orcad, Autocad, Acrobat Pro Programming languages known: C + +, Java, HTML		
Artistic skills and competences	Skills to integrate electrical components into professionally designed rooms		
Other skills and competences	specialized in Building Management System, participation in the thermal control projects, systems design and implementation of smart homes and office buildings		
Driving licence	Driving license category B		
Teaching Activities	Name of Disciplines	Student level	Year
	Process identification	Undergraduated, Automation	III
	Systems Theory	Undergraduated, Automation	III
	Process Modelling	Undergraduated, Automation	II
Research Areas	<ul style="list-style-type: none"> - Industrial automation - Building Automation Systems (BMS) - Power electronics and drives 		

Publications (the most representative in last 5 years)	<p>[1] R. Duma, P. Dobra, D. Petreus, I. V. Sita, and R. A. Munteanu, „Real-time BLDC motor control using the Stellaris LM3S8962 microcontroller”, in 4th European DSP Education and Research Conference (EDERC 2010), Nice, France, December, 2010, pp. 57-61.</p> <p>[2] R. Duma, P. Dobra, M. Trusca, D. Dumitrache, and I. V. Sita, “Rapid Control Prototyping Educational Toolbox for Scilab/Scicos,” in Proc. of European Control Conference 2009, 23-26 August, 2009, pp. 4611-4616.</p> <p>[3] R. Duma, D. Petreus, I. V. Sita, P. Dobra and A. Rusu, “Rapid Control Prototyping Toolbox for Renesas M32C87 Microcontroller,” in Proc. IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010 (IEEE-TTTC, ISI Proceedings), vol. 1, pp. 135–140, Cluj, Romania, May 28–30, 2010.</p> <p>[4] M. Trusca, I. V. Sita, P. Dobra and A. Farcaş, „Low-Cost SMC Implementation for Small Mobile Robot”, in Proc. Of 18th Mediterranean Conference on Control and Automation June 23-25, 2010, Maroc.</p> <p>[5] Petru Dobra, Mirela Truşcă, Ioan-Valentin Sita, Radu Adrian Munteanu, Mihai Munteanu, Model Based Approach in Fault Detection and Diagnosis for DC Motor, in Proc. Of 8th IEEE International Symposium on Diagnostics for Electrical Machines, Power Electronics & Drives, September 5-8, 2011, Bologna, Italy.</p> <p>[6] Ioan-Valentin Sita, Mirela Truşcă, „Redundant Application of WinCC Software to Building Automation Systems“, 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania, 24-27 May 2012.</p> <p>[7] Ioan-Valentin Sita, „Building Control, Monitoring, Safety and Security using Collaborative Systems“, Fourth International Conference on Intelligent Networking and Collaborative Systems, Bucharest, Romania, September 19 - 21, 2012, pp. 662-667.</p> <p>[8] Ioan-Valentin Sita, „Design and Development of Building Management Systems Using KNX Devices“, 2nd International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, Romania, November 22nd to 24th 2012, Supplement of the "Quality-Access to Success" Journal Vol. 13, S5, November 2012.</p> <p>[9] Ioan V. Sita, Alin C. Fărcaş, „Interfacing City Resources Management System with SIMATIC WinCC “, IFAC Workshop on Convergence Of Information Technologies And Control Methods With Power Systems, Cluj-Napoca, Romania, May 22 - 24, 2013</p>
Mother tongue(s)	Romanian
Other language(s)	English - advanced level of speaking and writing Frech - intermediate level of speaking and writing

Cluj-Napoca
02/02/2020

Dr. Eng. Ioan-Valentin SITA