



February 2011 – January 2013	Department Manager (Packaging Materials)
	Procter and Gamble Urlaţi, Prahova (Romania)
	 Lead a team of 3 people
	 Project management Standardization and documentation
	 Commissioning and maintenance of molds and materials Training
October 2006 – January 2011	Team leader
	Design Solutions Inc Paul Greceanu street, 1 st District Bucharest(Romania)
	 I led 2 teams of 5 people each Business development
	Business or sector Semiconductors
Nov 2005 – October 2006	PCB Designer
	Alvarion LTD Otopeni, Ilfov(Romania)
	I was responsible for designing complex PCBs with RF and Digital signals in the same system using Mentor Graphics tools.
	Business or sector Communications
Nov 2004 – October 2005	PCB Designer
	Design Solutions Inc Splaiul Unirii, 1^{st} District Bucharest(Romania)
	PCB Design of for top 10 Semiconductor Industry players, using Cadence Allegro, PADS, Men- tor Graphics Board Station and Expedition.
	Business or sector Communications
EDUCATION AND TRAINING	
2018–present	Doctoral studies in Applied Sciences(Physics)
	Politehnica University of Bucharest, Romania in collaboration with Horia Hulubei National insti- tute for R&D in Physics and Nuclear Engineering
2007–2011	Bachelor in Civil Engineering (Bridges)
	Technical University of Civil engineering, Bucharest, Romania
2002–2004	Master of Science in Electronics
	University of Bucharest, Romania
1997–2001	Bachelor of Science in Physics University of Bucharest, Romania



PERSONAL SKILLS								
Mother tongue	Romanian							
Other languages	UNDERSTANDING		SPEAKING			WRITING		
	Listening	Reading	Spoke	n interaction	Spoken production			
English	C1	C2		B2	B2	B2		
French	A1	A1 A1 A1 A1		A1	A1			
	Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user Common European Framework of Reference for Languages							
Communication skills	 team work: I've been working in a factory with 300+ people in a support department where good communication was a must. I've been in the middle of the organisation, having to work with roles ranging from line operators to plant managers. In the same factory mentioned above, the CORE departments were always pushing from all directions and mitigation was always the key for success. 							
Organisational / managerial skills	 During the last 15 years I constantly led people and interacted with customers (internal or external). I managed teams, processes and systems everywhere I worked. I am also able to work alone and proactively identify problems and solutions to them. 							
Digital competences	SELF-ASSESSMENT							
	Information Processing	Commu	inication	Content creat	tion Safety	Problem solving		
	Proficient use	er Proficie	ent user	Proficient us	er Independent user	Proficient user		
Computer skills	 Digital competences - Self-assessment grid Proficient with: Cadence Allegro, Librarian, Orcad CIS, SKILL (customization for Allegro), Solidworks, Flotherm (Mentor Graphics for Thermal Simulation), LTSpice, AutoCAD, Excel Past experience with Mentor Graphics: PADS, Board Station and Expedition, AutoCAD 3D, MathCAD Independent User: Python, Mathematica, Octave, VHDL, LINUX, System administration, Spice, Vivado, Project Libre, OpenProject 							
Other skills	Guitar player, puzzles, technology, hiking, photography, can do attitude, problem solver							
Driving licence	В	В						
PUBLICATIONS								
[1]	 C. Mihai, G. Pascovici, G. Ciocan, C. Costache, V. Karayonchev, A. Lungu, N. Mărginean, R.E. Mihai, C. Neacşu, JM. Régis, A. Turturica, S. Ujeniuc, and A. Vasiliu. "Development of large area Silicon Photomultipliers arrays for gamma-ray spectroscopy applications". In: <i>Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> 953 (2020), p. 163263. G. Pascovici, C. Mihai, C. Neacşu, S. Ujeniuc, R. Mihai, C. Costache, N. Mărginean, A. Turturică, G. Ciocan, Jean-Marc Regis, and V. Karayonchev. "The Use of Micro-Technologies in Nuclear Instruments, the Development of a Set of Modern Gamma-Ray Detectors Based on Sipm Arrays". In: <i>NANOMATERIALS – FUNCTIONAL PROPERTIES AND APPLICATIONS</i>. Vol. 28. Editura Academiei Române, 2020, pp. 66–84. 							

[3] Cătălin Neacşu and Căta-Danil Gheorghe. "Scintillator's optical path contribution to signal rise time of SiPM detectors". In: *U.P.B. Sci. Bull., Series A.* Vol. 83, Iss 3. 2021.



[4] Cătălin Neacşu, Răzvan Lică, George Pascovici, Constantin Mihai, and Sebastian Rothe. "A miniaturized low-power SiPM-based β detector for the ISOLDE Fast Tapestation". In: Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment (2022), p. 166213. URL: https://www.sciencedirect.com/science/article/pii/S0168900221010688.