





PERSONAL INFORMATION



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PERSONAL STATEMENT

I am a young, motivated and hard-working person with good organisational skills. I started working since I was 18 years old as a technician in a packaging production company and since I have 7 years of experience as a Software Test Engineer and Hardware Engineer in three different automotive companies.

WORK EXPERIENCE

Mar 2015–Present

Software Verification Engineer

Autoliv Electronics ROMANIA, Timisoara (Romania)

- Test the latest products from automotive safety industry as: Airbags Electronics Units, Electronic Seat Belts.
- Project validation by checking compliance to general specifications (IBM DOORS)
- Define relevant test cases with the target to ensure the best coverage of the requirements
- Implement automated test scenarios using a specific test language and validate the corrections and the modifications.

Feb 2014–Feb 2015

System Test Engineer

Huf Hülbeck & Fürst ROMANIA, Timisoara (Romania)

- Project validation by checking compliance to general specifications (IBM DOORS)
- Develop test specifications for different functionalities and perform tests according to given requirements (Vector CANoe and NI TestStand).
- Programming of the test assembly (Vector CAPL and NI Labview).

Jul 2012–Feb 2014

Software and Hardware Tool Engineer

Huf Hülbeck & Fürst ROMANIA, Timisoara (Romania)

- Developing software and hardware tools for use in Functional and System Testing.
- Designing Hardware In the Loop (HIL) Test Stands for use on specific ECU Projects
- Designing modular Fault Injection Unit, Specific Project Box and Load Box for HIL (Hardware In the Loop) TestStands used in accordance with National Instruments Acquisition Boards

Jul 2012–Oct 2012

Software Development Intern

Continental Automotive Romania, Timisoara (Romania)

- Debug problems and participate to the implementation of the changes
- Support system integration of SPICE (Simulation Program with Integrated Circuit Emphasis) in PCB design software and user acceptance testing

Jul 2010–Oct 2010

Packaging Technician

Europacking Production, Caracal (Romania)

- Responsible with the good functioning of the production line
- Offer support for the mechanical and electric faults

- Manage the loading and unloading of transport trucks

EDUCATION AND TRAINING

Sep 2017–Present	<p>PhD. in Electronics and Telecommunication</p> <p>"Politehnica" University of Timisoara, Timisoara (Romania)</p> <p>Applied Electronics Department</p>	EQF level 8
Sep 2015–Jun 2017	<p>Masters in Biomedical Engineering</p> <p>"Politehnica" University of Timisoara, Timisoara (Romania)</p>	EQF level 7
Oct 2010–Jun 2014	<p>Engineer in Electronics and Telecommunication</p> <p>"Politehnica" University of Timisoara, Timisoara (Romania)</p> <p>A multidisciplinary vocation school</p> <p>The Faculty of Electronics and Telecommunications in Timisoara, forming specialists in engineering and research in electronics and telecommunications. There are two main areas of study: Applied Electronics and Telecommunications, Audio-Video and Multimedia Technologies. Particular attention is paid to applied informatics. The faculty provides graduate programs for specialists working in research, industry and education.</p>	EQF level 6
Sep 2006–Jun 2010	<p>Baccalaureate</p> <p>"Mihai Viteazu" Theoretical High School, Caracal (Romania)</p> <p>Bilingual Mathematical - Informatics Class</p>	EQF level 4

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Certificate in Advanced English - Cambridge ESOL Examination					
French	B1	B1	B1	B1	B1

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 Very good communication skills gained through my experience with small children from orphanages and managing speleological teams.
 Excellent contact skills gained through the pedagogical studies I undertook during the bachelor years and the teaching assistant position at a local high school.

Organisational / managerial skills Leadership skills obtained as a winner of the General Electric Foundation Scholar-Leaders Program managed by the Institute of International Education and through my experience of 3 years in a row participant in the General Electric Leadership Development Program.
 Excellent managerial skills gained through organizing speleological and high altitude expeditions in the past 8 years and also mountain and cave rescue exercises.

Job-related skills Good command of 5S methodology. Currently I am responsible for the 5S audit and implementation at my workplace.
 Certified by the *International Software Testing Qualifications Board* as a independent test engineer.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Good command of Microsoft Office suite and Microsoft Operating Systems.
 Good command of advanced photo editing software as an amateur photographer.
 Good knowledge of scripting and markup languages as PHP, MySQL, HTML and CSS and programming languages as C/C++, OOP and JavaScript.

Other skills

Certified to provide first aid, as part of my training as a savior from the underground speleological environment and as a member of the Romanian Cave Rescue Corpses and Mountain Rescue Association.
 Experienced speleologist and mountaineer, board member in a Speleological Organization and member of the Romanian Speleological Federation.

Driving licence

AM, A1, A2, A, B1, B

ADDITIONAL INFORMATION

Honours and awards

General Electric Scholar-Leader

Obtained by being awarded a scholarship from the General Electric Foundation for outstanding academic performance during bachelor studies.

"Dinu Patriciu" Scholarship

"Dinu Patriciu" Foundation - Invent your future! program, obtained for excellent academic performance during the high school years.

Certifications

Certificate in Advanced Image Acquisition, Image Processing and Computer Vision
University of Bremen, Germany
Certificate in Alpine Speleological Technique Level 2
Romanian Speleological School - Romanian Speleological Federation
Certificate of Savior from the Underground Speleological Environment
Romanian Cave Rescue Corpses - CORSA
ISTQB® Foundation Level Certificate
International Software Testing Qualifications Board
Certificate in Advanced English - C1 Advanced
Cambridge ESOL Examination

Memberships

Austrian Alpine Club - Österreichischer Alpenverein
 Romanian Speleological Federation - F.R.S.
 Romanian Cave Rescue Corpses - C.O.R.S.A.
 County Cave and Mountain Rescue Team - S.P.J.S.S. Arad County
 Board Member in the "Prusik" Speleological Association
 Board of European Students of Technology - BEST Timisoara