



Radu-Stefan Ricman

Data nașterii: 23/05/1991 | **Cetățenie:** română | **Gen:** Masculin | **Număr de telefon:**

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| **Adresă:**

● DESPRE MINE

I'm an Engineer with experience in the automotive industry, certified as a Test Engineer by ISTQB. I've worked in multicultural teams and environments in 4 international automotive corporations. I am dedicated, ambitious and persistent in achieving the established goals and targets, into the agreed deadlines.

● EXPERIENȚA PROFESIONALĂ

 **PRICEWATERHOUSECOOPERS ROMANIA** – TIMISOARA, ROMÂNIA

SOFTWARE DEVELOPER – 09/2022 – 06/2025

- Visual Basic application development
- Implementation of new fiscal forms with PowerQuery and Visual Basic in Excel
- Big Data analysis and processing

 **VEONEER ROMANIA** – TIMISOARA, ROMÂNIA

SYSTEM TEST ENGINEER – 07/2018 – 05/2021

- Test the latest products from automotive safety industry as: Airbags Electronics Units, Vision and Nightvision Systems, Radar Systems.
- 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 in Vector CANoe and proprietary software using a specific test language (JavaScript, Vector CAPL) and validate the corrections and the modifications.
- Programming and automatization of Oscilloscopes, Signal Generators and Digital Multimeters with the created test scenarios.

 **AUTOLIV ELECTRONICS ROMANIA** – TIMISOARA, ROMÂNIA

SOFTWARE VERIFICATION ENGINEER – 03/2015 – 07/2018

- 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.

 **HUF HÜLSBECK & FÜRST ROMANIA** – TIMISOARA, ROMÂNIA

SYSTEM TEST ENGINEER – 02/2014 – 02/2015

- 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).

 **HUF HÜLSBECK & FÜRST ROMANIA** – TIMISOARA, ROMÂNIA

SOFTWARE AND HARDWARE TOOL ENGINEER – 07/2012 – 02/2014

- 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

 **CONTINENTAL AUTOMOTIVE ROMANIA** – TIMISOARA, ROMÂNIA

SOFTWARE DEVELOPMENT INTERN – 07/2012 – 10/2012

- 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

EUROPACKING PRODUCTION – CARACAL, ROMÂNIA

PACKAGING TECHNICIAN – 07/2010 – 10/2010

- 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

● EDUCAȚIE ȘI FORMARE PROFESIONALĂ

09/2017 – 09/2025 Timisoara, România

PHD. IN ELECTRONICS AND TELECOMMUNICATION "Politehnica" University of Timisoara

Applied Electronics Department

Nivel CEC Nivelul 8 CEC

09/2015 – 06/2017 Timisoara, România

MASTERS IN BIOMEDICAL ENGINEERING "Politehnica" University of Timisoara

Nivel CEC Nivelul 7 CEC

10/2010 – 06/2014 Timisoara, România

ENGINEER IN ELECTRONICS AND TELECOMMUNICATION "Politehnica" University of Timisoara

Nivel CEC Nivelul 6 CEC

09/2006 – 06/2010 Caracal, România

BACCALAUREATE "Mihai Viteazu" Theoretical High School

Bilingual Mathematical - Informatics Class

Nivel CEC Nivelul 4 CEC

● COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIVNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	C1	C1	C1	C1	C1
FRANCEZĂ	A2	A2	A2	A2	A2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

● REȚELE ȘI AFILIERI

Member of:

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
IEEE EPS Student Chapter Timisoara

● PERMIS DE CONDUCERE

Permis de conducere: AM

Permis de conducere: A1

Permis de conducere: A2

Permis de conducere: A

Permis de conducere: B1

Permis de conducere: B

● PROIECTE

2020 – 2022

479 PED din 05/11/2020, "Smart greenhouse with selective absorption of solar radiation using dye-sensitized solar cells (DSSCs), energy independent and automated."

The research grant value was 599.888 lei, from which Politehnica University of Timisoara has supported 185.078 lei.

2022 – 2023

Precise Positioning Device for Energy Harvesting Equipment Using Artificial Intelligence with Genetic Algorithms

The research grant value was 11000 Euro and it was financed by the Academy of Romanian Scientists 75/14.04.2022

● DISTINȚII ONORIFICE ȘI PREMII

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.

● JOB-RELATED SKILLS

Job-related skills

Good understanding of a corporation organizational workflow and how a team operates.

Good command of 5S methodology. Responsible for the 5S audit and implementation at my workplace.

Certified by the *International Software Testing Qualifications Board* as a independent test engineer.

● OTHER SKILLS

Other skills

Trained and certified to provide first aid, as part of my continuous training as a savior from the underground speleological environment and as a member of the Romanian Cave Rescue Corpses and Romanian Mountain Rescue Association.

Experienced speleologist and mountaineer, board member in a Speleological Organization and secretary of the Romanian Speleological Federation.

Hobbies

Speleology - Board Member of a local Speleology Association, Secretary of the Romanian Speleological Federation
Mountain Rescue - Member of the "Salvamont" mountain rescue team in Romania and the Romanian Cave Rescue Corpses

Rafting and White Water Kayaking - Certified as a Raft Guide Level 2 by the International Rafting Federation

Alpinism

Cycling

● **CERTIFICATIONS**

Certifications

ISTQB® Foundation Level Certificate

International Software Testing Qualifications Board

Certificate in Advanced Image Acquisition, Image Processing and Computer Vision

University of Bremen, Germany

Certified as a Raft Guide - Level 2

International Rafting Federation

Certificate in Alpine Speleological Technique - Level 2

Romanian Speleological School - Romanian Speleological Federation

Certified as a Savior from the Underground Speleological Environment - Team Leader

Romanian Cave Rescue Corpses - CORSA

Certificate in Advanced English - C1 Advanced

Cambridge ESOL Examination

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Very good communication skills gained through my experience as a teacher and managing speleological and alpinism teams in expeditions.

Active listening, patience, and empathy skills gained through the psycho-pedagogical studies Level I and II undertook during the university years, and also by the teaching assistant position at a local high school and in the university.

● **ORGANISATIONAL SKILLS**

Organisational 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 management and logistic skills gained through organizing speleological and high altitude expeditions in the past 12 years and also mountain and cave rescue exercises and expeditions.

31.03.2026