



Radu-Stefan Ricman

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

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_____ | **Adresă:**

DESPRE MINE

Sunt inginer cu experiență în industria automotive, certificat International Software Testing Qualifications Board ca Inginer de Testare. Am lucrat în echipe și medii multiculturale în 4 corporații internaționale din domeniul automotive. Sunt dedicat, ambițios și perseverent în atingerea obiectivelor și țăntelor stabilite, respectând termenele convenite.

EXPERIENȚA PROFESIONALĂ

09/2022 – ÎN CURS Timisoara, România

SOFTWARE DEVELOPER PRICEWATERHOUSECOOPERS ROMANIA

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

07/2018 – 05/2021 Timisoara, România

SYSTEM TEST ENGINEER VEONEER ROMANIA

- 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.

03/2015 – 07/2018 Timisoara, România

SOFTWARE VERIFICATION ENGINEER AUTOLIV ELECTRONICS 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.

02/2014 – 02/2015 Timisoara, România

SYSTEM TEST ENGINEER HUF HÜLSBECK & FÜRST 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).

07/2012 – 02/2014 Timisoara, România

SOFTWARE AND HARDWARE TOOL ENGINEER HUF HÜLSBECK & FÜRST 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(**H**ardware **I**n the **L**oop) TestStands used in accordance with National Instruments Acquisition Boards

07/2012 – 10/2012 Timisoara, România

SOFTWARE DEVELOPMENT INTERN CONTINENTAL AUTOMOTIVE 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

07/2010 – 10/2010 Caracal, România

PACKAGING TECHNICIAN EUROPACKING PRODUCTION

- 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 – ÎN CURS 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

● **PROIECTE**

2020 – 2022

479 PED din 05/11/2020, Sera inteligenta cu absorbtie selectiva a radiatiei solare utilizand celule solare sensibilizate cu colorant (DSSCs), independenta si automatizata, 2020 – 2022, 599.888 lei, din care cota UPT este 185.078 lei.

Valoarea proiectului a fost de 599.888 lei, din care cota UPT este 185.078 lei.

2022 – 2023

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

Grantul de cercetare a avut o valoare de 11000 Euro și a fost finanțat de Academia Oamenilor de Știință din România 75/14.04.2022

● **COMPETENȚE LINGVISTICE**

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		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

● **DISTINCȚII 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.

● **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 8 years and also mountain and cave rescue exercises and expeditions.

● **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 the teaching assistant position at a local high school and in the university.

● **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.

● **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

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

Certificate in Advanced English - C1 Advanced
Cambridge ESOL Examination

● **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
Alpinism
Cycling

● **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