



# Diana-Roxana Izdrui

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**Date of birth:** 03/09/1995 | **Nationality:** Romanian | **Gender:** Female |

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Scolii, nr. 26, 715100, Darabani, Romania

## ● WORK EXPERIENCE

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01/10/2020 – CURRENT – Suceava, Romania

**RESEARCH ASSISTANT IN UNIVERSITY** – "STEFAN CEL MARE" UNIVERSITY

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- Research Assistant in Applied Electronics for Poetic Arts project;
- Research Assistant in Applied Electronics for PLIS - epidemiological platform.

04/05/2020 – 13/10/2020 – Cluj-Napoca, Romania

**SOFTWARE VALIDATION ENGINEER** – MARELLI

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- review client specifications and creation of Test Patterns and Test Cases for different vehicle functions (Automotive Lighting, Fuel Level Management, Start & Stop etc.);
- updating test patterns according to specific evolution;
- analysing defects;
- Hardware in the Loop testing and validation.

13/08/2018 – 10/04/2020 – Iași, Romania

**SOFTWARE VALIDATION ENGINEER** – EXPLEO GROUP

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- review client specifications and creation of Test Plans for different vehicle functions (ACC, ESP, ABS, Audio System and Navigation, Night Vision etc.);
- updating test plans according to specific evolution;
- analysing defects and discover the problem;
- Hardware in the Loop testing and validation.

01/01/2015 – 30/09/2018 – Iași, Romania

**ACTIVE MEMBER** – ELECTRONICS STUDENTS LEAGUE ASSOCIATION

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- volunteering;
- personal development;
- time management;
- communication skills and leadership.

Iași, Romania

02/2018 – 01/08/2018 – Iași, Romania

**CONSULTANT TUTOR** – TECHNICAL UNIVERSITY

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- tutoring and mentoring to a group of ten freshmen from the Faculty of Electronics, Telecommunication and Information Technology;
- organising and coordinating different activities for and with these 1st year students.

Iasi, Romania

01/12/2016 – 01/12/2017 – Iași, Romania

**PROGRAMMS AND PROJECTS VICEPRESIDENT** – ELECTRONICS STUDENTS LEAGUE ASSOCIATION

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- coordonating the members of the organisation in the projects and programmes that we did as an NGO for students;
- organizing projects with, for and about students;

- defending the interests of the students.

[www.liga-etc.ro](http://www.liga-etc.ro) | Iași, Romania

02/2018 – 06/2018 – Iași, Romania

**INTERNSHIP – FACULTY OF ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY**

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- helping the secretary into the main office in the faculty;
- organization of the faculty archive (part of the national archive);
- part of scholarships committee.

Iasi, Romania

01/06/2017 – 01/07/2017 – Oradea, Romania

**TEST ENGINEER INTERN – PLEXUS CORPORATION**

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- AOI test engineer;
- X-Ray;
- debug on AOI machines;
- RBV (Inspect0Scan);
- Lean Sigma Yellow Belt.

Oradea, Romania

03/2015 – 01/05/2016 – Iași, Romania

**EDITOR – WWW.ELECTROSTUDIS.RO**

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- creating, redaction and editing articles;
- coonating the platform - editor in chief;
- volunteering;
- Wordpress.

Iași, Romania

01/07/2015 – 30/09/2015 – Iași, Romania

**INTERNSHIP – SCC SERVICES ROMANIA**

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- Patch Management Team;
- AD accounts;
- virtual machines (VMWare).

Iasi, Romania

## ● EDUCATION AND TRAINING

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01/10/2020 – CURRENT – Suceava, Romania

**PH. D. PROGRAM – "Stefan cel Mare" University**

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- Best Student Paper Award Certificate at SOFA 2020 with Paper "Neurodegenerative disorders screening system using intelligent sensors"

01/10/2018 – 07/2020 – Iași, Romania

**MASTER DEGREE – Faculty of Electronis, Telecommunications and Information Techology**

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- Applied Electronics;
- power electronics;
- embedded programming (C/C++).

Optical sensors with applicability in intelligent clothing

2014 – 2018 – Iasi, Romania

**BACHELOR DEGREE** – Faculty of Electronics, Telecommunications and Information Technology

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- Applied Electronics student;
- volunteering;
- representative student;
- Ariel International Olympics.

Optical sensors network with applicability in intelligent clothing

18/05/2018 – Iasi

**FIRST PLACE DIPLOMA - SCIENTIFIC CIRCLE "TRANSFER PHENOMENA, AUTOMATED DRIVING IN ENGINEERING"** – Faculty of Chemical Engineering and Environmental Protection

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Optical sensor network with applicability in intelligent clothing

- VCNL4020 sensor
- ADuCRF101 microcontroller
- I2C

21/04/2018 – Iasi, Romania

**IT MARATHON FIRST PLACE DIPLOMA - "DO IT YOURSELF" SECTION** – Liga Studentilor Facultatii de Automatica si Calculatoare

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- Arduino Uno
- ESP8266

05/05/2017 – 07/05/2017 – Iasi, Romania

**CERTIFICATE** – Writing projects for MTS/DJST Training

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16/10/2015 – Iasi, Romania

**COMMUNICATION TRAINING** – Liga Studentilor Electronisti din Iasi

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- verbal, nonverbal and paraverbal communication skills

09/12/2014 – Iasi, Romania

**PARTICIPATION** – „Team Internet Mathematical Olympiad – Blitz and Championship”

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15/10/2014 – 01/06/2015 – Iasi, Romania

**COURSE** – Continental Learning Laboratory, Hardware

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- basic/medium knowledge Hardware

2010 – 2014 – Darabani, Romania

**STUDENT** – "Dimitrie Cantemir" Highschool

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## ● LANGUAGE SKILLS

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**Mother tongue(s):** ROMANIAN

**Other language(s):**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B2	B2	C1
<b>FRENCH</b>	B1	B1	A2	A2	B2
<b>SPANISH</b>	B2	B2	B2	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● **ORGANISATIONAL SKILLS**

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### Organisational skills

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- good organisational skills due to the projects and programs coordinated during the period as an active member of the Electronics Students League (Electronics Student Days - Zilele Studentului Electronist - 5th and 6th editions);
- activity as editor in chief;
- activity as consultant tutor.

## ● **JOB-RELATED SKILLS**

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### Job-related skills

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- good understanding of the requirements and functions;
- teamwork;
- quick learner (programs, working style);
- english and french skills.