



## Bianca-Denisa Chereji

**Date of birth:** 25/01/1996 | **Nationality:** Romanian | **Gender:** Female | **Phone number:** (+40) 771208570 (Mobile) | **Email address:** [bianca.chereji@yahoo.com](mailto:bianca.chereji@yahoo.com) |

**Address:** Arad, Arad, Romania (Adresă)

### WORK EXPERIENCE

26/02/2024 – CURRENT Arad, Romania

**ASSISTANT LECTURER** "AUREL VLAICU" UNIVERSITY OF ARAD

Faculty of Food Engineering, Tourism and Environmental Protection, Department of Technical and Natural Sciences

01/09/2023 – CURRENT Arad, Romania

**RESEARCH ASSISTANT** "AUREL VLAICU" UNIVERSITY OF ARAD

Scientific research activities within the project Bio-eco-economy Research Center, 356/390032/27.09.2021, MySMIS Nr. 128019

30/07/2022 – 30/07/2024 Arad, Romania

**RESEARCH ASSISTANT** "AUREL VLAICU" UNIVERSITY OF ARAD

Scientific research activities within the project Improving the nutritional quality of meat products by applying innovative technological strategies, PN-III-P2-2.1-PED-2021-3240

01/09/2022 – 31/12/2022 Arad, Romania

**RESEARCH ASSISTANT** "AUREL VLAICU" UNIVERSITY OF ARAD

Scientific research activities within the project Impact of abiotic and biotic stresses on plants due to climate change, PN-III-P4-ID-PCE-2020-0410

17/10/2019 – 31/08/2022 Arad, Romania

**RESEARCH ASSISTANT** "AUREL VLAICU" UNIVERSITY OF ARAD

Scientific research activities within the project Closing Bioeconomy Value Chains by Producing Innovative Bioproducts in Market Demand, PN-III-P1-1.2-PCCDI-2017-0569

### EDUCATION AND TRAINING

01/10/2021 – 30/09/2024 Arad, Arad, Romania

**PHD STUDIES** "Aurel Vlaicu" University of Arad

PhD Thesis "Valorificarea deșeurilor din lână de oaie" under coordination of Prof. Dr. Chemist Habil. Florentina-Daniela Munteanu

**Website** <https://uav.ro/> | **Field of study** Environmental Engineering | **Thesis** Valorificarea deșeurilor din lână de oaie

01/10/2019 – 07/07/2021 Arad, Arad, Romania

**MASTER'S DEGREE STUDIES** "Aurel Vlaicu" University of Arad

Graduated master studies at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, field of studies Environmental Engineering and the Environmental Quality Assessment and Control study program.

**Website** <https://uav.ro/> | **Field of study** Environmental Engineering

01/10/2019 – 05/07/2021 Arad, Arad, Romania

**MASTER'S DEGREE STUDIES** "Aurel Vlaicu" University of Arad

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Graduated master studies at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, Food Products Engineering and Food Products Quality Management study program.

**Website** <https://uav.ro/> | **Field of study** Food Engineering

01/10/2015 – 03/07/2019 Arad, Arad, Romania

**ENGINEERING DIPLOMA** "Aurel Vlaicu" University of Arad

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Graduated bachelor degree from the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, field of study Food Product Engineering and Consumer and Environmental Protection the study program.

**Website** <https://uav.ro/> | **Field of study** Food Engineering

20/02/2017 – 14/07/2017 Peniche, Leiria, Portugal

**STUDENT ERASMUS** Instituto Politecnico de Leiria

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In the academic year 2016-2017, second semester, I studied in the Erasmus + program at the Instituto Politécnico de Leiria (Polytechnic of Leiria) in Portugal, at the faculty Escola Superior de Turismo e Tecnologia do Mar (School of Tourism and Maritime Technology), study program in Tecnologia e Segurança Alimentar (Food Technology and Food Safety).

**Website** <https://www.ipleiria.pt/>

01/09/2011 – 15/07/2015 Pâncota, Arad, Romania

**BACCALAUREAT DIPLOMA** Liceul Teoretic Pâncota

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Graduated from the Pâncota Theoretical High School, with field of study Technological, Services profile and Economic study program.

**Field of study** Economic Activities Technician

01/05/2015 – 30/06/2015 Ineu, Arad, Romania

**LEVEL 4 QUALIFICATION CERTIFICATE** Liceul Mihai Viteazul Ineu

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Certificate of Qualification level 4 following the results obtained at the professional skills certification exam, in the session MAY-JUNE 2015, organized at Mihai Viteazul Ineu High School in Ineu, Ineu, Arad County, obtaining the qualification of Technician in Economic Activities in the field of Economics.

● **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>	B2	B2	B2	B2	B2

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

● **PUBLICATIONS**

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2024

**[Use of Vegetable Waste for New Ecological Methods in Wool Fibre Treatments](#)**

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Gavrilaş S, Dochia M, Sărsan A-R, Chereji B-D, Munteanu F-D. Use of Vegetable Waste for New Ecological Methods in Wool Fibre Treatments. *Clean Technologies*. 2024; 6(4):1326-1339. <https://doi.org/10.3390/cleantechnol6040063>

Gavrilaş S, Dochia M, Sărsan A-R, Chereji B-D, Munteanu F-D.

2024

### **Wool-based filters for the retaining of heavy metals from industrial and contaminated wastewater**

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Scientific Papers. Series B, Horticulture. Vol. LXVIII, No. 1, 2024 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653

Bianca-Denisa Chereji, Florentina-Daniela Munteanu

2024

### **Development and Characterization of Ethylcellulose Oleogels Based on Pumpkin Seed Oil and Rapeseed Oil**

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Ursachi C-Ş, Perţa-Crişan S, Tolan I, Chambre DR, Chereji B-D, Condrat D, Munteanu F-D. Development and Characterization of Ethylcellulose Oleogels Based on Pumpkin Seed Oil and Rapeseed Oil. *Gels*. 2024; 10(6):384. <https://doi.org/10.3390/gels10060384>

Ursachi C-Ş, Perţa-Crişan S, Tolan I, Chambre DR, Chereji B-D, Condrat D, Munteanu F-D

2023

### **Food-Grade Oleogels: Trends in Analysis, Characterization, and Applicability**

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Perţa-Crişan S, Ursachi C-Ş, Chereji B-D, Tolan I, Munteanu F-D. Food-Grade Oleogels: Trends in Analysis, Characterization, and Applicability. *Gels*. 2023; 9(5):386.

Perţa-Crişan S, Ursachi C-Ş, Chereji B-D, Tolan I, Munteanu F-D.

2023

### **Characterization of beeswax-based oleogels with pumpkin seed oil and rapeseed oil**

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Perţa-Crişan S, Ursachi C-Ş, Tolan I, Chereji B-D, Balint M, Condrat D, Munteanu F-D. Characterization of beeswax-based oleogels with pumpkin seed oil and rapeseed oil. *Scien. Tech. Bull-Chem. Food Sci. Eng.*, Vol. 20 (XXI), 2023, 25-33

Perţa-Crişan S, Ursachi C-Ş, Tolan I, Chereji B-D, Balint M, Condrat D, Munteanu F-D

2022

### **Preliminary studies about some factors influencing the properties of oleogels**

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Ursachi C-Ş, Perţa-Crişan S, Tolan I, Chereji B-D, Munteanu F-D. Preliminary studies about some factors influencing the properties of oleogels. *Scien. Tech. Bull-Chem. Food Sci. Eng.*, Vol. 19(XX), 2022, 34-42.

Ursachi C-Ş, Perţa-Crişan S, Tolan I, Chereji B-D, Munteanu F-D.

2022

### **Oleogels—Innovative Technological Solution for the Nutritional Improvement of Meat Products**

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Perţa-Crişan S, Ursachi C-Ş, Chereji B-D, Munteanu F-D. Oleogels—Innovative Technological Solution for the Nutritional Improvement of Meat Products. *Foods*. 2023; 12(1):131.

Perţa-Crişan S, Ursachi C-Ş, Chereji B-D, Munteanu F-D.

2022

### **The impact of sheep waste wool on the environment**

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Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XI, 2022 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064

Bianca-Denisa CHEREJI, Florentina-Daniela MUNTEANU

## **● CONFERENCES AND SEMINARS**

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05/09/2024 – 05/09/2024 Arad, Romania

### **Agromalim - International Fair of Agriculture, Food Industry and Packaging**

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At the International Fair of Agriculture, Food Industry and Packaging, Agromalim 2024, we presented our paper "The potential of sheep wool filters in the removal of heavy metals from industrial waters".

20/06/2024 – 21/06/2024 Szarvas, Hungary

### **7th International Scientific Conference on Water**

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At the 7th International Conference ISCW 2024 organized in Szarvas, Hungary, we participated with the presentation "Sheep wool waste - An innovative solution for retaining heavy metals from contaminated waters".

23/04/2024 – 23/04/2024 Arad, Romania

### **Simpozionul Internațional "Salvează Apa" Ediția a II-a**

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At the International Symposium "Save Water!" organized by the Secondary School "Nicolae Balcescu" Arad, I presented the paper "The Impact of Heavy Metal Pollution on Water Quality".

23/04/2024 – 24/04/2024 Arad, Romania

### **PhD STUDENTS' DAYS The fourth edition**

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PhD STUDENTS' DAYS The fourth edition organized and held at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, I participated with the theme "The efficiency of sheep wool waste-based filters for retaining heavy metals from polluted water".

18/04/2024 – 18/04/2024 Szeged, Hungary

### **21st Wellmann International Scientific Conference**

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21st Wellmann International Scientific Conference, organized in Szeged, Hungary, I participated with the presentation "Eco-friendly sheep wool filters for heavy metals retaining from polluted water".

03/12/2023 – 06/12/2023 Bucharest, Romania

### **One Health International Student Conference**

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One Health International Student Conference USAMV Bucharest organized at the University of Agronomic Sciences and Veterinary Medicine of Bucharest, I participated with the presentation "Wool-based filters for the retaining of heavy metals from industrial and contaminated wastewater".

**Link** <https://onehealth.usamv.ro/programe/#single/0>

06/10/2023 – 06/10/2023 Valencia, Spain

### **The 37th EFFoST International Conference**

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The 37th EFFoST International Conference held in Valencia, Spain, co-author of the poster on "Edible Oleogels: Preparation, Characterization and Evaluation".

**Link** <https://www.fffost.org/fffost+international+conference/past+fffost+conferences/fffost+conference+2023/default.aspx>

04/09/2023 – 24/09/2023 Future Learn - EIT FOOD

### **Nutrition for Health and Sustainability**

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For 3 weeks this course explored the relationship between nutrition, health and sustainability.

**Link** <https://learning.eitfood.eu/files/Brochures-and-flyers/Nutrition-for-health-and-sustainability-an-EIT-Food-online-course-1.pdf>

15/06/2023 – 15/06/2023 Szarvas, Hungary

### **The 6th International Scientific Conference on Water**

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6th ISCW 2023 International Conference organized in Szarvas, Hungary, I participated with the presentation "Removal of heavy metals from industrial wastewater using filters based on sheep wool".

**Link** <https://iscw.hu/>

08/06/2023 – 10/06/2023 Stâna de Vale, Oradea, Romania

### **Simpozionul Energie - Resurse - Mediu al Studenților Orădeni**

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At the Energy - Resources - Environment Symposium of Oradea Students organized by the University of Oradea and held at Stâna de Vale, I participated with the presentation "The impact of sheep wool waste on the environment".

**Link** [https://sermstudo.energetica-oradea.ro/download/2023/Program\\_SERMStudO\\_2023.pdf](https://sermstudo.energetica-oradea.ro/download/2023/Program_SERMStudO_2023.pdf)

29/05/2023 – 31/05/2023 Arad, Romania

### **PhD STUDENTS' DAYS The Third Edition**

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PhD STUDENTS' DAYS The Third Edition organized and held at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, I participated with the theme "Use of sheep's wool waste as filters heavy metals' polluted waters".

29/05/2023 – 31/05/2023 Stâna de Vale, Oradea, Romania

### **Conferința Internațională Inovativă Ediția XII**

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Inovativa International Conference Innovativa Edition XII, organized by the University of Oradea and held at Stâna de Vale, I participated with the presentation "Sheep wool waste - Management and valorization".

15/05/2023 – 15/05/2023 Online

### **Using the Web of Science APIs to Meet the Requirements of the Romanian Research Community**

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Participation in Webex Web of Science: Using the Web of Science APIs to Meet the Requirements of the Romanian Research Community.

23/03/2023 – 23/03/2023 Online

### **Springer Nature's ebooks to Excel in Research and Learning**

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Participation in Webinar Springer Nature's ebooks to Excel in Research and Learning.

22/03/2023 – 22/03/2023 Online

### **Preprint Citation Index**

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Participation in Webex Web of Science: Preprint Citation Index

02/03/2023 – 02/03/2023 Arad, Romania

### **Simpozionul Internațional "Salvează Apa!"**

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At the International Symposium "Save Water!" organized by the Secondary School "Nicolae Balcescu" Arad in collaboration with the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, we presented the paper "Water Pollution".

04/12/2022 – 07/12/2022 Bucharest, Romania

### **One Health International Student Conference**

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One Health International Student Conference USAMV Bucharest organized at the University of Agronomic Sciences and Veterinary Medicine of Bucharest, I participated with the presentation "Valorisation of the sheep wool waste for the removal of heavy metals from the environment".

Link <https://onehealth.usamv.ro/>

25/11/2022 – 26/11/2022 Arad, Romania

### **PhD STUDENTS' DAYS The Second Edition**

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PhD STUDENTS' DAYS The Second Edition organized and held at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, I participated with the presentation "The capacity of wool fibre to absorb heavy metals and valorization of sheep wool through this".

As a result of the results we obtained the third prize.

Link <https://fiatpm.uav.ro/avizier/sesiunea-de-comunicari-stiintifice-a-studentilor-fiatpm-2022>

17/11/2022 – 17/11/2022 Szarvas, Hungary

### **6th International Scientific Conference on the Development of Rural Environment**

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6th CDRE 2022 International Conference organized in Szarvas, Hungary, I participated with the presentation "Wool sheep - a valuable fiber that affects the environment as an unvalorized waste".

Link <https://cdre.hu/>

05/10/2022 – 07/10/2022 Iași, Romania

### **6th International Conference on Chemical Engineering**

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At the International Conference ICCE 2022 Iasi organized by the Technical University Gheorghe Asachi University of Iasi, Faculty of Chemical Engineering and Environmental Protection Cristofor Simionescu, I participated with the theme "Sheep wool waste - environmental impact and valorisation possibilities".

Link <http://www.cercetare.icpm.tuiasi.ro/conferinte/ICCE2022/>

20/09/2022 – 20/09/2022 Online

### **The importance of researcher profiles in the Web of Science.**

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Participation in Webex Web of Science: The importance of researcher profiles in the Web of Science.

04/07/2022 – 22/07/2022 Educational and Training Center, Valletta, Malta

### **New Technology to Manage Food Ecosystems - Summer School**

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The course "New Technology to Manage Food Ecosystem" - Summer School, is a project that took place online and aimed to provide a strong entrepreneurial and managerial inclination to control complex food chain ecosystems by applying new technologies with the help of acquired knowledge and expertise.

EIT RIS Program, distance learning

Link <https://www.eitfood.eu/education/courses/new-technologies-to-manage-food-ecosystems>

02/06/2022 – 04/06/2022 Bucharest, Romania

### **Agriculture for Life, Life for Agriculture**

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At the International Conference Agriculture for Life, Life for Agriculture organized by the University of Agronomic Sciences and Veterinary Medicine of Bucharest, I took part in the Poster Presentation Session at the section Land Reclamation, Earth Observation & Surveying, Environmental Engineering, with the theme "The impact of sheep wool waste on the environment".

Link <https://agricultureforlife.usamv.ro/>

03/2022 – 03/2022 Online

### **Electronic access to scientific literature to support and promote the Romanian research and education system**

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Participation in the training session "Electronic access to scientific literature to support and promote the Romanian research and education system".

26/11/2021 – 26/11/2021 Arad, Romania

### **PHD STUDENTS' DAYS**

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PHD STUDENTS' DAYS organized and held at the "Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, I participated and presented the poster on the topic "The sheep wool waste a huge impact on the environment".

Following the results in this section I obtained the second place.

Link <https://uav.ro/>

24/11/2021 – 27/11/2021 Bucharest, Romania

### **One Health International Student Conference**

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One Health Student Conference USAMV Bucharest organized by the University of Agronomic Sciences and Veterinary Medicine of Bucharest, I took part in the session of presentations in the Environment health and climate changes section, with the theme "The impact of sheep wool waste on the environment".

Link <https://onehealth.usamv.ro/>

26/11/2020 – 27/11/2020 Arad, Romania

### **Student Scientific Communication Session**

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Scientific Student Communication Session organized and held at the "Aurel Vlaicu" University of Arad, I participated with the presentation "Impact, effects of food additives and influence of the new Coronavirus SARS-CoV-2 on the immune system".

As a result of the results we obtained the 3rd place.

22/11/2019 – 22/11/2019 Arad, Romania

### **Current Trends in Bio-Eco-Economy in Youth Debate**

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11/04/2019 – 13/04/2019 Arad, Romania

## **Student Scientific Communication Session**

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Student Scientific Communication Session organized and held at the "Aurel Vlaicu" University of Arad, I participated in the poster presentation and I addressed the topic "Food additives and their contribution in food industry".

12/2016 – 12/2016 Arad, Romania

## **Electronic resources for documentation**

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Participation in the training session "Electronic resources for documentation".

## ● **PROJECTS**

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27/03/2022 – 31/03/2022

### **The Green Entrepreneurship Activities of youth groups**

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The "Green Thinking Entrepreneur Youth" project carried out in Poland, Kielce at Kielce Technology Park, within the framework of the 2019-3-TR01-KA205-080177 Erasmus+ project, aimed to develop green entrepreneurial skills among young people by carrying out different activities through team work and individual activities.

**Link** <https://www.facebook.com/technopark.kielce/posts/5293150214063524>

31/01/2022 – 04/02/2022

### **Learning Training Teaching Activity**

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The "Green Thinking Entrepreneur Youth" project carried out at "Aurel Vlaicu" University of Arad, within the 2019-3-TR01-KA205-080177 Erasmus+ project, aimed at learning and training teaching activity.

07/05/2021 – 07/06/2021

### **Virtual Exchange Project "Join by Wine"**

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Join by Wine Virtual Exchange Project was a project in which for 5 weeks "Aurel Vlaicu" University of Arad, through the Faculty of Food Engineering, Tourism and Environmental Protection and Universidad Europea "Miguel de Cervantes" Valladolid, Spain, discussed online about different types of wines, wine regions and winemaking technologies. At the end of the project, a blog (<https://joinedbywine.weebly.com/>) was created to post the materials produced by the student teams and the events attended, which were shared online.

**Link** <https://joinedbywine.weebly.com/>

## ● **HONOURS AND AWARDS**

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10/06/2023

### **Special Diploma – University of Oradea**

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Special Diploma awarded by the University of Oradea, Faculty of Energy Engineering and Industrial Management at the Energy-Resources-Environment Symposium of the Students of Oradea held at Stâna de Vale between June 08 - 10, 2023.

06/12/2021

### **Excellence Diploma – "Aurel Vlaicu" University of Arad**

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13/12/2022

### **Excellence Diploma – "Aurel Vlaicu" University of Arad**

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## ● **DIGITAL SKILLS**

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Microsoft Office | Social Media

## ● **MANAGEMENT AND LEADERSHIP SKILLS**

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### **Creative attitude**

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Team spirit, I have a creative and supportive attitude towards my colleagues, I adapt quickly in any place and quickly learn any activity that is put at my disposal.

I am a communicative, sociable, punctual, organized, calm person.

- **HOBBIES AND INTERESTS**

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### Hobbies

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Nature walks, biking and hiking are some of my ways to relax, and a method of relaxation that is strange to others but beneficial to me is washing dishes.  
I love animals, especially cats.

- **COMMUNICATION AND INTERPERSONAL SKILLS**

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### Communication skills

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Good communication skills acquired through my professional experience so far.

- **DRIVING LICENCE**

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**Driving Licence:** B