



## Curriculum vitae Europass



### Personal information

**First name / Surname** Zagan Elisabeta  
**Address** Suceava, Romania  
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**Nationality** Romanian, Italian  
**Date of birth** 29/06/1981  
**Gender** Female

### Professional experience

<b>Period</b>	<b>26/02/2024 – Present</b>
<b>Function</b>	Lecturer
<b>Main activities and responsibilities</b>	Course and laboratory teaching activities for the subjects Databases (laboratory), Databases in Energy (course and laboratory), Database designing (laboratory), Computer programming and programming languages (laboratory)
<b>Employer name</b>	Ștefan cel Mare University of Suceava, Faculty of Electrical Engineering and Computer Science, 13 University Street, 720229, Suceava
<b>Sector of activity</b>	Academic
<b>Period</b>	<b>01/10/2022 – 25/02/2024</b>
<b>Function</b>	Academic auxiliary didactic member
<b>Main activities and responsibilities</b>	Laboratory teaching activities for the disciplines: Databases, Computer Programming and Programming Languages.
<b>Employer name</b>	Ștefan cel Mare University of Suceava, Faculty of Electrical Engineering and Computer Science, 13 University Street, 720229, Suceava
<b>Sector of activity</b>	Academic
<b>Period</b>	<b>01/06/2014 – Prezent</b>
<b>Function</b>	Freelancer
<b>Main activities and responsibilities</b>	Web consulting and management, maintenance, statistics, development, mail marketing, MySQL database management, etc..
<b>Sector of activity</b>	IT consulting and development.
<b>Period</b>	<b>01/01/2013 – 01/06/2014</b>
<b>Function</b>	Freelancer (Italy)
<b>Main activities and responsibilities</b>	Static and dynamic web page design using PHP, ASP, CSS, XHTML, Javascript, Ajax, JQuery, MySQL, MsSQL Server.
<b>Sector of activity</b>	Web Developer

<b>Period</b>	<b>02/02/2007 – 21/02/2012</b>		
Function	Developer with permanent contract		
Main activities and responsibilities	Design and management of corporate websites using ASP, VBScript, JavaScript (Ajax), XHTML, CSS as programming languages. C# Reverse Engineer compiled .NET dlls for corrections in the invoicing process. Knowledge of .Net WebForms, .Net WebService, ASP.Net, C#. Database design and management using SQL Server 2005 (Tables, Views, StoredProcedures, Triggers, FullTextTable search, Jobs, XML BulkLoad, Linked Server). IIS configuration in Windows Server 2003.		
Employer name	ImpericaWeb S.P.A. – (Prato, Italy)		
Sector of activity	Web Commerce		
<b>Period</b>	<b>01/08/2005 – 01/10/2006</b>		
Function	Developer with permanent contract		
Main activities and responsibilities	Software testing, Bug fixing, .Net developer.		
Employer name	SC Justplus S.R.L.– (Suceava, Romania)		
Sector of activity	Computer Consulting		
<b>Education and training</b>			
<b>Period</b>	<b>1/10/2018 – 21/12/2023</b>		
Diploma	PhD in Computers and Information Technology		
Teza de doctorat	„Contributions on data ingestion, storage and transformation processes in Data Lake architectures” scientific coordinator: associate professor Phd. eng. Danubianu Mirela, PhD thesis publicly defended on 21/07/2023.		
Name and type of educational institution	Ștefan cel Mare University of Suceava		
<b>Period</b>	<b>01/03/2005 – 01/06/2005</b>		
Diploma	ERASMUS stage		
Name and type of educational institution	”Universita degli Studi di Catania”, Italia Coordinator: Prof. Phd. eng. Nicola Pitrone		
<b>Period</b>	<b>09/2000 – 06/2005</b>		
Diploma	Engineer		
Name and type of educational institution	Ștefan cel Mare University of Suceava, Faculty of Electrical Engineering and Computer Science, Automation and Industrial Informatics		
<b>Period</b>	<b>1996 - 2000</b>		
Diploma	Informatics Assistant diploma		
Name and type of educational institution	Scientific High School– Roman, Romnia		
<b>Personal skills and competences</b>			
<b>Native language</b>	<b>Romanian</b>		
<b>Other language(s)</b>			
Self-assessment	<i>Reading</i>	<i>Writing</i>	<i>Understanding</i>
English	<i>Advanced</i>	<i>Advanced</i>	<i>Advanced</i>
Italiană	<i>Advanced</i>	<i>Intermediate</i>	<i>Advanced</i>
<b>Competențe și aptitudini tehnice</b>	Software used: Visual Studio Code, Macromedia Dreamwaver, Visual Web Developer, Visual Studio, xampp, FileZilla, Ms SQL Server, MySQL		

	Graphics programs: Photoshop, CorelDraw. Good knowledge of PC maintenance and assembly.
<b>Technical skills and competences</b>	<b>Programming languages:</b> SQL, PHP, ASP, VBScript, JavaScript (Ajax), JQuery, xHTML, CSS – <i>nivel avansat</i> , C++; .Net WebForms, .Net WebService, ASP.Net, C# – <i>nivel mediu</i> ; Ms Sql Server – <i>advanced level</i> ; MySQL – <i>advanced level</i> ; <b>CMS:</b> Wordpress, Passepartout
<b>Organisational skills and competences</b>	Ability in organize my work, setting priorities and taking responsibility acquired through the various professional experiences listed above in which I was always requested for manage different activities according to the deadlines and goals.
<b>Other skills and competences</b>	I'm a determined person, dedicated and focused at work. I'm open, transparent and communicative. Ability in learning and using new programs and programming languages.
<b>Hobby</b>	3D design, travelling, reading, swimming.
<b>Driving licence</b>	Category B

## Projects:

Project POCU,,Exceleța academică și valori antreprenoriale - sistem de burse pentru asigurarea oportunităților de formare și dezvoltare a competențelor antreprenoriale ale doctoranzilor și post doctoranzilor” – ANTREPRENORDOC, cofinanțat din Fondul Social European prin Programul Operațional Capital Uman, număr de contract 36355/23.05.2019 HRD OP /380/6/13 – Cod SMIS: 123847: Membru al grupului țintă GT2 (09/2021-08/2022).

## List of scientific papers

*Articles published in journals in the Q2 zone:*

1. Zagan Elisabeta, Danubianu Mirela, “Data Lake Architecture for Storing and Transforming Web Server Access Log Files,” in IEEE Access, vol. 11, pp. 40916-40929, 2023, FI 3.476, doi:10.1109/ACCESS.2023.3270368

*Articles published in WoS indexed journals:*

2. Zagan Elisabeta, Danubianu Mirela, “From Data Warehouse to a New Trend in Data Architectures - Data Lake”, International Journal of Computer Science and Network Security, vol. 19, No. 3, pp. 30-35, 2019
3. Zagan Elisabeta, Danubianu Mirela, “HADOOP: A Comparative Study between Single-Node and Multi-Node Cluster”, International Journal of Advanced Computer Science and Applications (IJACSA), vol. 12, Issue 2, 2021, doi:10.14569/IJACSA.2021.0120207

*Papers presented at WoS or IEEE indexed conferences:*

4. Zagan Elisabeta, Danubianu Mirela, “Data Lake Approaches: A Survey”, International Conference on Development and Application Systems (DAS), 21-23 mai, 2020, Suceava, România, pp. 189-193, doi:10.1109/DAS49615.2020.9108912
5. Zagan Elisabeta, Danubianu Mirela, “Cloud DATA LAKE: the new trend of data storage”, 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, 11-13 iunie, 2021, Ankara, Turcia, doi:10.1109/HORA52670.2021.9461293
6. Zagan Elisabeta, Danubianu Mirela, “ADLS Gen2 for web server log data analysis”, 2022 International Conference on Development and Application Systems (DAS), 26-28 mai, 2022, Suceava, România, pp. 161-166, doi:10.1109/DAS54948.2022.9786071

*Papers presented at BDI-indexed conferences:*

7. Zagan Elisabeta, Danubianu Mirela, “Data block saving policy in the Hadoop Architecture”, 16th International Conference on European Integration - Realities and Perspectives, Danubius University, 14-15 mai, 2021, Galați, România

*Books:*

1. Zagan Elisabeta, “Contribuții privind procesele de ingestie, stocare și transformare a datelor în arhitecturi Data Lake”, ISBN: 978-973-666-796-1, Editura Universității “Ștefan cel Mare” Suceava, 2024.