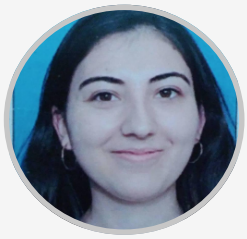
europass



Adriana Elena Nicolae

WORK EXPERIENCE

ENERGY ENGINEERING SPECIALIST – RETELE ELECTRICE ROMANIA – 07/05/2025 – Current – BUCURESTI, ROMANIA

the purchase of electricity from the markets

KEY USER CRM&ERP – NOVA POWER – 01/07/2024 – 06/05/2025 – BUCHAREST, ROMANIA

- Support development and testing activities;
- Develop and apply test cases to ensure the proper functioning of data flows;
- Documenting the results of failed tests cases and providing evidence by way of screenshots and defect reports;
- Maintaining and updating technical documents.

BUSINESS ANALYST – RINGHEL – 15/07/2021 – 30/06/2024 – BUCHAREST, ROMANIA

- Get an understanding of customers' business needs and translate them into functional specifications: create models, diagrams, presentations that support the target audience to understand the business requirements;
- Optimization and improvement of existing processes;
- Support development and testing activities;
- Develop and apply test cases to ensure the proper functioning of data flows;
- Documenting the results of failed tests cases and providing evidence by way of screenshots and defect reports;
- Participate in agile meetings: daily stand-ups, sprint schedules, reviews and demos;
- Maintaining and updating technical documents;
- Use SQL queries for database interrogation and report building.

ENERGY ENGINEER – VEOLIA ENERGIE ROMANIA S.A. – 12/2017 – 14/07/2021 – BUCHAREST, ROMANIA

- Maintaining contact with customers by:

-Providing information and offers;
-Regularly requesting feedback from the customers regarding their satisfaction on the offered services;
-Centralization of feedback received from customers;
-Sending the results of the analysis to superiors in order to improve the quality of the services;

- Negotiation and preparation of the contracts;
- Preparation of the financial offers in accordance with the specifications of the documentation on SEAP;
- Preparation of the technical offers in accordance with the specifications of the documentation on SEAP;
- Monitoring the prices of electricity traded on the centralized markets;
- Monitoring the announcements regarding the auction sessions on the centralized markets;
- Collects and synthesizes preliminary data in order to prepare specific reports;
- Elaborates periodic reports (weekly, monthly, etc.) that contain economic-financial indicators on various activities of the energy market.

EDUCATION AND TRAINING

10/2020 – CURRENT Bucharest, Romania
PHD STUDENT National University of Science and Technology POLITEHNICA Bucharest

Website https://upb.ro/

10/2018 – 06/2020 Bucharest, Romania
MASTER'S DEGREE National University of Science and Technology POLITEHNICA Bucharest, Faculty of Energy

Website https://energ.upb.ro/

10/2014 – 06/2018 Bucharest, Romania
BACHELOR'S DEGREE National University of Science and Technology POLITEHNICA Bucharest, Faculty of Energy

Website https://energ.upb.ro/

09/2010 – 06/2014 Racari, Romania
HIGH SCHOOL DIPLOMA "Ion Ghica" high school

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B1

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

SKILLS

Microsoft Office: Word, Excel, Power Point, Outlook | GeFEE Desktop Energy & Gas | SQL server design and development | RETscreen | Basics of Python | Utilizarea platformei SEAP

DRIVING LICENCE

Driving Licence: B

PROJECTS

08/2012 – 05/2014
Volunteer project - Comenius

From 2012 to 2014, I was part of the multicultural project named "Comenius" .Thanks to this project, I had the opportunity to spend two weeks in high schools abroad (a week in France at Lycee " Beauregard" in Villefranche de Rouergue, Aveyron and a week in Turkey at Lycee Meram Ataturk Kiz Teknik, Konya), thus observing the differences between the educational systems of participating countries.

SUMMER SCHOOL VEOLIA ENERGY

Summer school

Between July 2, 2017- July 10, 2017, I participated at the summer courses offered by Veolia Energy. During the nine days period at Veolia campus in the Jouy-le- Moutier region from France, I improved my knowledge in the water, energy and waste industries as a result of my technical visits and workshops.

AWARDS

04/2017
Technical analysis of the energy efficiency of the glazed surfaces in a building

Third place at Scientific Communication Sessions- Energy Efficiency discipline

COURSES

10/2020 – 03/2021
Data Scientist Crystal Program

Data Science in a business context;
Math and statistics fundamentals for data Science;
R Programing for Data Science;
Data Science with R;
Python programming for data science
Data Science with Python

2013 – 2020
Certificate - Psycho - pedagogical Level I and II - National University of Science and Technology POLITEHNICA Bucharest, Romania

PUBLICATIONS

2021
Strategies for optimizing energy consumption in buildings

Authors:
Adriana-Elena NICOLAE, Mihail-Bogdan CARUTASIU, Horia NECULA

10th International Conference on ENERGY and ENVIRONMENT (CIEM), 2021, ISBN:978-1-6654-4585-6

2018
Improving the energy efficiency of an UPB dormitory building by means of simulations

Authors:
Adriana-Elena NICOLAE, Mihail-Bogdan CARUTASIU, Constantin IONESCU, Horia NECULA

UPB Scientific Bulletin, Series C, Vol. 80, Iss. 4, 2018; ISSN 2286-3540

ORGANISATIONAL SKILLS

Project Management

Ability acquired during university studies by graduating the "Project Management" and " Financing European Projects" courses.

Attention to detail

Ability acquired during my work activities: bugs identification that aren't quite obvious.
Often small things can have a pretty serious trickle-down effect on the entire application. So, I have to pay attention to details.

Time management and compliance with deadlines

Promoted by creating a daily "TO DO" list and using the task prioritization matrix.
When I was involved in multiple tasks and I had to complete them in a short time, I prioritized the urgent tasks.

Teamwork spirit

Promoted through active and constructive participation in working groups aimed to improve existing solutions or find new ones.

Perseverance and motivation

Completing each analysis with a satisfied client for me it is an additional motivation to continue my activity. I try to use my experience further improving my skills and my daily activities.

COMMUNICATION AND INTERPERSONAL SKILLS

Collaborating and working well together with others

I think that 50% of successful depends on effective collaboration in the workplace.

Ability to organize in writing and oral speech

By presenting my faculty projects in public and by writing scientific articles I gained this ability.