

**PERSONAL  
INFORMATION**

**Elena Cojocaru**



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**Sex** Female | **Date of birth** 31/05/1993 | **Nationality** Romanian

**WORK EXPERIENCE**

December 2018 – Present

**Research assistant**

University Politehnica of Bucharest (Romania)

Center for Advanced Research on New Materials, Products and Innovative Processes (CAMPUS)

- Polymeric Nanomaterials Laboratory: adaptive and smart materials

**Business or sector** Research & Development

**EDUCATION AND  
TRAINING**

October 2018 – Present

**PhD student**

University Politehnica of Bucharest (Romania)

Faculty of Applied Chemistry and Materials Science

Department of Bioresources and Polymer Science

Specialization Polymer Science and Engineering

PhD thesis: "Composite materials based on graphene with potential medical applications"

October 2016 – July 2018

**Master of Chemical Engineering**

University Politehnica of Bucharest (Romania)

Faculty of Applied Chemistry and Materials Science

Specialization Expertise of Chemicals, Food and Materials

Master thesis: "Obtaining soap from waste fats and oils by the cold method and evaluation its conformity"

October 2012 – July 2016

**Engineer in Food Industry – Bachelor's degree in Food Engineering**

University Politehnica of Bucharest (Romania)

Faculty of Applied Chemistry and Materials Science

Specialization Food Control and Expertise

Bachelor thesis: "The process of obtaining grape seed oil by the cold method"

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills developed during the studies and gained through my experience as customer service agent;
- practical, inventive, disciplined and optimistic spirit.

Organisational / managerial skills

- good organizational teamwork skills gained in developed during college;
- possessing a creative approach to problem-solving;
- ability to evaluate and take risks in various critical situations;
- efficiency at work.

Job-related skills

- the ability to adapt information content according to the specifics of the target group;
- ability to work in the laboratory acquired during years of study;
- good knowledge of different methods for material characterization (FT-IR Spectrometry, UV-Vis Spectrometry, TGA analyses, DSC).

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

- advanced knowledge of Microsoft Office (Word, Excel, Power Point);
- good knowledge of ChemDraw.

Driving licence B category

**ANNEXES**

Available on request.