

Leoni Cesar-Emanuele

Bucharest, Romania

✉ Email [in](#) LinkedIn [0770591517](#) [GitHub](#) [Portfolio](#)

Experience

Softwire

Software developer intern

Jul 2025 - Sept 2025

- Worked on **fullstack** development
- Internal web app with **NEXT.js • React • AWS Amplify**
- **Agile** way of working

SIVECO Technology

Java developer intern

Jul 2024 - Oct 2024

- Created a **Java SpringBoot Application** for DB backend
- Frontend with **Angular and Typescript** for user interface
- Object Relational Mapping done with **Hibernate**
- Worked on **generative AI** Chatbot

POLITEHNICA University Bucharest

Laboratory Assistant

Oct 2023 - Feb 2024

- Held the laboratory of data structures and algorithms in **C++ to 2nd year bachelor's students**
- **Technical Skills:** OOP in C++, Moodle Educators
- **Soft Skills:** Time Management, Communication, Presentation Skills

Projects

ALMA therapeutic assistant (Bachelor's Thesis) - 2025

- **AI conversational agent for psychological support**
- **Multimodal** with speech-to-text, text-to-text and text-to-speech LLMs
- **Emotion recognition** model in collaboration with master's student
- **Specific skills:** Python, OpenAI API, Prompt Engineering, LLMs, Latex

TranscriptAI - 2025

- AI-powered transcription web app
- OpenAI **speech-to-text** model
- **Downloadable document** in Microsoft Word format
- **Skills:** Python, Streamlit, OpenAI API

Breast Cancer Image Processing

- Enhanced images from a mammography dataset for better **malign tumors detection**
- Processed with: **piecewise linear contrast, binarization, closing**
- **Specific skills:** Python, Image processing, Research, Documentation

Portfolio Website

- Personal Portfolio continuously updated
- Implemented responsive UI with **React**, styled with **Tailwind CSS** and animated using **GSAP**
- **Specific skills:** React, Typescript, Tailwind, GSAP

Innovation Labs - 2025

- **Biggest start-up incubator in Romania**, reached the pre-accelerator phase
- Almunca - conceptualized an **AI-driven HR platform** leveraging TikTok for reaching candidates
- **Start-up foundations** from the best romanian tech entrepreneurs
- **Skills:** Business strategy, Product ideation, Pitch development, Team collaboration

Median Filter in C++ - 2023

- Program that applies median filter transformation to a **.pgm grayscale image**
- **BubbleSort** and **MergeSort** algorithms to choose from
- Various images input files, based on console input
- **Specific skills:** advanced C++

Soft Hoarders Robotics Team - 2017-2022

- **Team leader**
- Annual participation at **First Tech Challenge Romania**
- **Tech skills:** Creo Parametric, 3D Printing, Mechanics, Java
- **Soft skills:** Fundraising, Teamwork, Public Speaking, Team Management

Produced Faceshields

- Redesigned 3D model to use **less filament**
- **Printed and assembled** faceshields for healthcare workers
- Raised awareness during the **COVID-19 pandemic**
- Attracted **sponsors** for the robotics team
- **Soft skills:** Teamwork, Public Speaking, Team Management

Education

POLITEHNICA University

Bucharest

ETTI Faculty

Applied Electronics

Oct 2021 - Jul 2025

- **Performance Scholarship : 9.45 average mark**
- **Relevant Courses :** Computer Programming • Object Oriented Programming • Data Structures and Algorithms • Theory of Probability and Mathematical Statistics • Electronic Devices • Integrated Digital Circuits • Theory of Information Transmission • Neural Networks and Fuzzy Systems • Data Acquisition Systems • Decision and Estimation in Information Processing • Database Systems • Internet Programming Technologies • Computer Systems Architecture • 3D Graphics

Skills

Programming C++, Python, Typescript, React, C, Java, HTML, CSS, Angular, SQL, GIT

Miscellaneous LaTeX (Overleaf/R Markdown), Microsoft Office

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, [Engaging Presentation](#), Project making

Professional Training

2025	Leaders EXPLORE Leadership certificate , LEADERS Foundation	Bucharest
2024	Generative AI Certified Professional , Oracle Cloud Infrastructure	Online
2024	AI , ICDL	Online
2020	Microsoft Suite , ECDL	Craiova
2023	Java Basics , Google Digital Stack	Online

Awards and competitions

2020	Think Award and Winning Alliance , First Tech Challenge Regional	Timișoara
2016-2021	1st Prize , County Physics Olympiad	Dolj County
2018	Honorable Mention , National Physics Olympiad	Breaza
2017	Bronze Medal , National Physics Olympiad	Târgu-Jiu
2017	Mention , "Evrika" National Physics Competition	Brăila

Volunteering

[LEADERS Foundation](#)

Community Manager

May 2025 - Ongoing

- Organising educational events for high school students
- Handling of participants and parents for good organising
- Carefully prepare with the team for the workshops

[Electronics Students League](#)

Coordinator of the Sports Department

Dec 2022 - Present

- Organizer of the **charity cross** 'Run for Life' 2023 and 2024 - [Aleargă Pentru Viață](#)
- Coordinator of the numerous **sports events** organized by the sports department
- **Soft Skills:** Teamwork, Time Management, Communication, Organising a team

Languages

Romanian Native Language

English C1 Level - Autonomous Level

German B2 Level Goethe Zertifikat - Advanced Level

Italian Native Language

Interests

Volleyball Volleyball player, favorite sport and a passion inherited from parents.

Running A go to sport activity to clear my mind and break new barriers

Acting Member of the university theater group, offering new self-discovery opportunities and relaxation - [Trupa Nebotezată](#)

Reading Enjoy reading various genres (classics, philosophy, personal development) as it accelerates growth.

Cooking Enthusiast with a passion for culinary exploration.

Coloured text contains hyperlinks for further information.