

Leoni Cesar-Emanuele

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"Ad augusta per angusta"



Education

POLITEHNICA University Bucharest, ETTI Faculty

Electronic Engineering, Telecommunications and Informational Technologies

Bucharest, Romania

Oct 2021 - 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
- **Ongoing Courses** : Internet Programming Technologies • Computer Systems Architecture • 3D Graphics

Professional Experience

SIVECO Technology

Java developer Internship

Bucharest

Jul 2024 - Sep 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

National University of Science and Technology Politehnica Bucharest

Laboratory Assistant - Data Structures and Algorithms

Bucharest

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

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**
- **Specific skills**: Creo Parametric, 3D Printing, Mechanics, Java, Fundraising
- **Soft skills**: Teamwork, Public Speaking, Team Management

Open Robotics Intelligent Grid

- Building and programming a **robot from scratch** for a new game theme
- Opportunity to work with **university professionals**
- **Specific skills**: Creo Parametric, Mechanics, Java, Fundraising
- **Soft skills**: Teamwork, Public Speaking, Team management

Courses and certifications / Professional Training

2024	Generative AI Certified Professional , Oracle Cloud Infrastructure	Online
2024	AI , ICDL	Online
2020	Microsoft Office , ECDL	On site
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

Skills

Programming	C++, C, Java , HTML, CSS, Angular, Typescript, Python, JavaScript, SQL, GIT
Miscellaneous	LaTeX (Overleaf/R Markdown), Microsoft Office
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation , Project making

Volunteering

Electronics Students League

Coordinator of the Sports Department

Bucharest

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.