Dora Morar

Date of birth: 18/08/1992 | **Place of birth:** Cluj - Napoca, Romania | **Nationality:** Romanian | **Phone number:**

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WORK EXPERIENCE

⊞ TECHNICAL UNIVERSITY OF CLUJ-NAPOCA

LECTURER – 03/2025 – CURRENT

Teaching and research activities
- Laboratory classes: Process Modeling, Systems Theory I, Systems Theory II
- Lectures: Process Modeling

⊞ TECHNICAL UNIVERSITY OF CLUJ-NAPOCA

TEACHING ASSISTANT – 2016 – 2025

Teaching and research activities
- Laboratory classes: Process Modeling, Systems Theory I, Systems Theory II

⊞ ACCENTURE ROMANIA

SOFTWARE DEVELOPER – 2014 – 2014

Internship
1. Create a PDF document using different tools
- Take data about the structure and the content of the document from a XML file;
- Parse the XML file and generate the PDF document
- Use HTML 2.
2. Compare different PDF generating tools with respect to some specific required performances

EDUCATION AND TRAINING

2017 – 2022
PHD IN SYSTEMS ENGINEERING Technical University of Cluj-Napoca

Thesis Advanced control techniques for CNC machines

2015 – 2017
MASTER THESIS IN ADVANCED PROCESS CONTROL Technical University of Cluj-Napoca

Thesis Optimal Control for Positioning Systems

2011 – 2015
ENGINEER - BACHELOR DEGREE - SYSTEMS ENGINEERING Technical University of Cluj-Napoca

Thesis Advanced control methods implemented on myRIO device

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	C1	C1	C1

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	B1	B1	A2	A2	A2

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

SKILLS

Organizational/managerial skills

organizing teaching activities | coordination of diploma theses | certificate of entrepreneurial competencies - ANTREDOC Project

Computer Skills

Matlab | Simulink | C/C++ | C# | Java | mySQL | Oracle | LabView | Microsoft Office | Overleaf

PUBLICATIONS

Details

Author and co-author of 18 publications in national and international journals and conferences

Link https://scholar.google.com/citations?user=SqjzrmsAAAAJ&hl=ro