

PERSONAL INFORMATION



Dana-Alexandra CIUPĂGEANU

 Bucharest, România



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WORK EXPERIENCE

April 2021 – Present

Research Assistant at University Politehnica of Bucharest

Research activities in the framework of UPB-Proof of Concept project, proposal Optimization algorithms for renewable energy sources response to demand variation and environment factors OpRES

January 2021 – April 2021

Research Assistant at University Politehnica of Bucharest

Research activities in the framework of *Carbon dioxide methanizer design for sustainable low carbon energy systems development (CO2toCH4)* project

October 2018 – December 2020

Research Assistant at University Politehnica of Bucharest

Research activities in the framework of *Holistics of the renewable energy sources on environment and climate (HORESEC)* project

June-September 2015

Intern at the The National Power Grid Company – Transelectrica

Analysis of the structure and functioning of electricity transmission networks and their characteristic processes; Study of electrical connections schemes of electrical substations, protection and automation stations; Real-time network operating of power transmission.

July - September 2014

Intern in the Official Internship program of the Romanian Government

Technical Monitoring compartment; Evaluation, Selection, Contracting and Monitoring Service, Energy Intermediary Body - Department of Energy.

Study of projects co-financed by the IB for Energy, the applicable legislation and regulations for the energy sector imposed to the projects seeking financing under POS CCE (Sectoral Operational Program Increase of Economic Competitiveness 2007-2013) and POS-IM (Sectoral Operational Program Large Infrastructure 2014-2020); follow steps of technical monitoring process of projects under implementation.

EDUCATION AND TRAINING

November 2018 - Present

PhD Student

Power engineering
Power Engineering Faculty, University Politehnica of Bucharest, Romania

October 2016 – June 2018

Master of Science

ISCED6/EQF7

Specialization of Applied Informatics in Energetics
Faculty of Power Engineering, University Politehnica of Bucharest, Romania

Grade Point Average: 10 out of 10, Top of the class

SCADA, Automation of energy processes, Optimization Methods for Energy Processes, Substation Maintenance, Electromagnetic Compatibility of Automation Installations

October 2012 - July 2016

Engineer

ISCED5/EQF6

Specialization of Power Systems Engineering
Faculty of Power Engineering, University Politehnica of Bucharest, Romania

Grade Point Average: 9.92 out of 10, Top of the class

High Voltage Engineering, Electric Power Systems, Electric equipment, Substations

September 2008 - July 2012

Baccalaureate diploma (9.46 out of 10)

ISCED3/EQF4

"Anastasescu" National College, Rosiorii de Vede, Teleorman County, Romania

Grade Point Average: 9.96 out of 10, Top of the class

Mathematics, Physics, Chemistry

PERSONAL SKILLS

Mother tongue
Other languages

Romanian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B2	B2	B2	B2	B2
Spanish	B1	B1	B1	B1	A2
Italian	B1	B1	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Dynamic, sociable, communicative, adaptable to various changes, involved in volunteering

Organisational / managerial skills

- Team spirit, Work dedicated

Computer skills

- Matlab, PSS/E, Neplan, Microsoft Office - ECDL Core Certificate, AutoCAD, LabVIEW, PC WORX

Other skills

- Teaching Skills - Psycho-pedagogical training module

Driving licence

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ADDITIONAL INFORMATION

Conferences Attendance

- 14th IEEE PowerTech 2021, 28 June – 2 July 2021, Madrid, Spain. Online.
- Microgrid Summer School on Hardware-In-the-Loop, 21 – 23 September 2020, held by Novisad University and Typhoon HIL.
- 22nd European Conference on Power Electronics and Applications EPE'20 ECCE Europe, 7 – 11 September 2020, Lyon, France. Online.
- XXI-st International Symposium on Electrical Apparatus and Technologies SIELA 2020, 3 – 6 June 2020, Bourgas, Bulgaria. Online.
- 1st Asia and Pacific Sustainable Development of Energy, Water and Environment Systems Conference – 1st AP SDEWES, 6 – 9 April 2020, Gold Coast, Australia. Online.
- Innovative Smart Grid Technologies IEEE Conference Europe – ISGT2019, 29 September – 2 October 2019, Bucharest, Romania
- International Conference on Innovative Applied Energy - IAPE'19, 14 – 15 March 2019, Oxford, United Kingdom
- International Symposium on Fundamentals of Electrical Engineering 2018 – ISFEE, 1 – 3 November 2018, Bucharest, Romania
- 8th International Conference on Energy and Environment - CIEM 2017, 19 – 20 October 2017, Bucharest, Romania
- 11th International Conference on Electromechanical and Power Systems - SIELMEN 2017, 11 October 2017, Iași, Romania, 12 – 13 October, Chișinău, Republic of Moldova
- 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development - TERERD 2017, 8 – 10 June 2017, Moieciu, Romania
- EURELECTRIC Annual Convention & Conference 2016 – "E-lectricity: the power sector goes digital", 6 – 7 June 2016, Vilnius, Lithuania

Memberships

- IEEE Graduate Student Member
- IEEE Power and Energy Society Graduate Student Member
- IEEE Women in Engineering Graduate Student Member

July 27, 2021