

Curriculum Vitae

Personal Information

Nume / Prenume	CRACIUN CATALIN-GEORGE
Address	Str Stindardului nr 7 ap 4 sector 1, București (România)
Mobile	0760.152.325
E-mail	craciuncatalingearge@gmail.com
Nationality	Română
Date of birth	28th of April 1987
Gender	Male

Work experience

Period
Name and address of employer
Occupation or position held Activities
and responsibilities

2012-present
Control engineer for wind and solar farm's



MAIN RESPONSIBILITIES

SUPERVISION, REMOTE CONTROL AND DISPATCH OF WIND FARMS – Monitor real-time control operations (24x7) and performance of the wind farms; real-time performance analysis; take notes; act on stoppages, curtailment and electrical orders; issue work orders, guaranteeing optimum security conditions, with the collaboration of O&M management and/or the wind farm on-site personnel; follow the execution of the aforementioned tasks.


-COORDINATION WITH EXTERNAL DISPATCH CENTERS – Answer to calls from system operators and maintain a permanent link with other dispatch centers, distributors and transmissions system operators, in order to coordinate and/or guide the operations, procedures and dispatch processes, in the network and wind farm. Ensure safe assets operation according to standard operating procedures and external regulations.

-EXTERNAL INTERACTION – Guarantee the continuous exchange of information with system operators (transmission and distribution), OEM remote control centers, production forecast centers, market operators (trading and electricity markets) and off-takers. Verify production forecasts and incidents in real-time, in order to adapt market programs and minimize deviations.

-INTERNAL INTERACTION – Collaborate with the O&M teams in the identification and communication of incidents and faults, electrical restrictions imposed by the transmission system operators and provide energy production forecasts.

-OPERATIONAL TOOLS – Perform SCADA system connection/control tests in the wind farms and substation automated systems, communication systems and all relevant software for the operation of wind farms, in order to guarantee that the assets are correctly operated. Inform RCDC supervisor about the faults and system downtime.

-COMMUNICATION WITH THIRD PARTIES – Ensure the availability of required information and represent the RCDC when dealing with external entities, in order to protect companies' interests, consolidate its image and develop positive working relationships with institutions, while guaranteeing the acquisition and retention of specific knowledge and expertise.

Period Name and address of employer Occupation or position held Activities and responsibilities	2011→2012  Enel Green Power noiembrie 2011 – noiembrie 2012 (1 an 1 lună) Wind Power dispatcher Responsible to ensure the energy efficiency and the maintenance of the electrical equipments •SUPERVISION, REMOTE CONTROL AND DISPATCH OF WIND FARMS – Monitor real-time control operations (24x7) and performance of the wind farms; real-time performance analysis; take notes; act on stoppages, curtailment and electrical orders; issue work orders, guaranteeing optimum security conditions, with the collaboration of O&M management and/or the wind farm on-site personnel; follow the execution of the aforementioned tasks • Monitor and operate equipment on transmission lines, in transformer and power generating stations. • Controlling the distribution and regulating the power flow in the transmission network. • Respond to emergencies, such as transformer or transmission line failures, and route current around affected areas. • Monitor the system parameters (Voltage, Active Power Flow, Reactive Power Flow, Line, Transformer and Power Generator Load) and ensure system is operating within the guidelines set by the power company. • Control, monitor, or operate equipment that regulates or distributes electricity or steam, using data obtained from instruments or computers (SCADA).
Period Name and address of employer Occupation or position held Activities and responsibilities	2006→2010 summer job Ltd London House Hotel W2 4DJ London Maintenance worker Responsible to ensure the energy efficiency and the maintenance of the electrical equipments
Studies	
Period Education form Organization	01/10/2010 → 01/10/2012 Master in Power Systems Engineering Polytechnic University of Bucharest, Department of Power
Period Qualification awarded Name and type of organization providing education and training	25/10/2008 → 14/04/2009 CISCO diploma (CCNA EXPLORATION:Network Fundamentals) InfoAcademy
Period Qualification awarded	01/10/2006 → 01/10/2010 Bachelor degree in Power Systems Engineering, majoring in Electric, Electro-Tehnic and Power

Organization	Polytechnic University of Bucharest, Department of Power				
License theme	<i>“Charging neutral conductor in stationary regime, non-sinusoidal and asymmetrical”.</i> <i>The purpose of the work was to highlight the main causes that influence in a negative way the power quality and its effects.</i>				
Mother tongue(s)	Romanian				
Foreign languages	Understanding		Speaking		Writing
	Listening	Reading	Conversation	Speech	–
	Very Good	Very Good	Good	Good	Good
	Basic	Basic	Basic	Basic	Basic
English					
French					
Social skills and competences	Excellent communication skills Ability to execute Ability to inovate Team player Kin to learn new things				
Technical skills and competences	Microsoft Office, AutoCAD,Eplan,Photoshop,Doclib,OpenOffice,Matlab,SCADA				
Driver’s licence	B Class				
Additional information	Not married No criminal record Worldwide mobile				
Other skills and competences	During the university studies I was involved as team member in projects like: Electricity Transmission and Distribution, Artificial Intelligence Techniques, High Voltage Equipment, Power Transformer Stations and Power Systems.				