europass

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WORK EXPERIENCE

01/09/2018 - 09/10/2022 - CUBA

INSTRUCTOR PROFESSORTECHNOLOGICAL UNIVERSITY OF HAVANA "JOSÉ ANTONIO ECHEVERRÍA" (CUJAE)

12/10/2022 - CURRENT - BRASOV, ROMANIA

PHD. STUDENTTRANSILVANIA UNIVERSITY OF BRASOV

EDUCATION & TRAINING

01/09/2013 - 07/07/2018 - CUBA

BACHELOR - TECHNOLOGICAL UNIVERSITY OF HAVANA "JOSÉ ANTONIO ECHEVERRÍA" (CUJAE)

01/01/2020 - 03/09/2022 - CUBA

MASTER DEGREE- TECHNOLOGICAL UNIVERSITY OF HAVANA "JOSÉ ANTONIO ECHEVERRÍA" (CUJAE)

LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B1

SKILLS

Social Media | Microsoft Office | Microsoft Word | Microsoft Excel | Google Docs | Microsoft Powerpoint | Google Drive

PUBLICATIONS

Detecting problems in electrical protections of generators using DigSilent PowerFactory. 2020

An integral solution for the electricity supply problems of Antillana de Acero. 2020

Experiences on the failure of a current transformer located in the neutral of a bank of capacitors. 2021

Modifications to the NSR 376 SA Relay for MTU Technology Generating Sets. 2021

Improvement to the protections of MAN generator sets. Central Ariguanabo case study. 2021

Use of Battery Energy Storage with Electric Arc Furnace to Improve Frequency Stability of Weak Power

System. 2021

Proposal for reconfiguration of the distribution scheme to reduce electrical losses in Mariel 2024

Power Swing challenges to distance protections in Cuba. 2022

Enhancing the Control of a DC/AC Converter for Voltage Perturbation Ride-Through in Compliance with theCuban Grid Code 2024

The Impact of Electric Arc Furnaces on the Cuban Power System: Existing Approaches and Future Prospects 2023

Zero sequence impedance behavior in power transformers. Analysis of special cases 2024

Diferentes estrategias para sincronizar un nuevo Sistema de Almacenamiento con un horno de arco eléctrico 2024

Adaptive voltage fault ride-through control of a battery energy storage system according to the cuban grid code.
Energy 360, vol. 4, p. 100033, Dec. 2025.

Fault Ride Through strategies in renewable energy sources: A bibliometric and literature review
Ing. Energética, vol. 46, pp. 16–16, Sep. 2025.

Battery Energy Storage System for Power Quality Enhancement in Electric Arc Furnace Circuits
in 2025 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2025 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), May 2025, pp. 1–6.

Fuzzy Logic-Based Control of a Battery Energy Storage System to Mitigate Frequency Excursions in the Cuban Power System Caused by Electric Arc Furnaces.
Electr. Eng. Technol., Apr. 2026.

08/06/2026