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ANDRES ONDO ONA AYECABA, born in Niefang, Equatorial Guinea in 1998, embodies a remarkable blend of academic excellence and professional achievement. With a fervent interest in Energy Systems and Markets, Smart Grids, Energy Efficiency, and Management, he has established himself as a dedicated scholar and researcher in energy engineering.

His educational journey began with acquiring a degree in Electrical Engineering from the esteemed Universidad de Castilla-La Mancha, Almadén (Ciudad Real), Spain. He pursued further specialization, attaining a Master's degree in Renewable Energies from the prestigious Universidad de Jaén, culminating in 2022.

He is fervently engaged in his doctoral pursuits as a Ph.D. student in Engineering and Industrial Production at Universitat Politècnica de València. His doctoral research focuses on developing methodologies for Local Energy Markets (LEM), meticulously tailored to meet the evolving demands of smart grids, thus showcasing his commitment to advancing sustainable energy solutions. Throughout his professional journey, he has significantly advanced the energy sector. He served as an energy consultant for Intelec S.L. from 2021 to 2022, where his expertise and insights significantly impacted the company's strategic direction. Subsequently, he assumed the role of a Photovoltaic Maintenance Engineer within the same company from 2022 to 2023, demonstrating his versatility and proficiency in diverse aspects of energy engineering.

Since June 2023, he has been an integral part of the research ecosystem at the Energy Engineering Institute of Universitat Politècnica de València, as a dedicated Research Technician. In this capacity, he continues to leverage his expertise to contribute meaningfully to advancing energy research and innovation.

He works on several initiatives at the project level to revolutionize energy infrastructure and market dynamics. These projects include "Aggregation, Connection, Assessment, and Interconnection of Distributed and Demand-Side Energy Resources in Local Energy Markets (TED2021-129722B-C31)", "The ECO Project: Efficient Compact Modular Thermal Energy Storage System," and "Advancing Energy Infrastructure: Development of a Digital Twin for the Crevillente Distribution Network."

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