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Profile:

Reem Nasser Mohammed Ezzeldien Farag is a Ph.D. researcher in Electronic and Electrical Engineering at the University of Strathclyde, Glasgow, UK, where her research focuses on the optimisation of offshore transmission technologies and energy integration systems for offshore wind. She received her B.Sc. (Hons.) in Computer and Electrical Engineering from Alexandria University, Egypt, graduating first in her class with a GPA of 3.9/4.0, and later completed an M.Sc. in Engineering Mathematics at the same university in 2023, with research centred on hybrid optimisation methods for complex engineering systems.

Her academic and research background combines power and energy systems, numerical optimisation, control, and applied mathematics, with particular expertise in electrical systems modelling, machine learning for predictive modelling and control, and digital twin development for real-time simulation and monitoring.