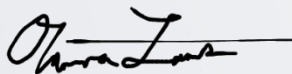


Certificate of Participation

presented to

Karim Elgammal

who has successfully participated in the
Qiskit Global Summer School 2023: Theory to Implementation



Oliva Lanes
Global Lead, IBM Quantum
Advocacy and Education



September 1st, 2023

Date