



CERTIFICADO DE PARTICIPAÇÃO

Certifica-se que

Rafael Dutra Santos Costa

participou na Portuguese Quantum Hackathon (PQHack),
que teve lugar na Universidade do Porto, Portugal, a 8 e 9 de
fevereiro de 2025, onde entregou, com sucesso, o seu trabalho.

Verifique o certificado em pqhack.org/check/23f783ee-93c8-4787-9cdf-3b34ce4d3306.pdf,
ou contactando info@pqhack.org.



CERTIFICATE OF PARTICIPATION

This certificate is presented to

Rafael Dutra Santos Costa

for participating in the Portuguese Quantum Hackathon (PQHack),
held at the University of Porto, Portugal, on February 8 and 9,
2025, and for successfully turning in a solution.

Verify the certificate at pqhack.org/check/23f783ee-93c8-4787-9cdf-3b34ce4d3306.pdf,
or contact info@pqhack.org.