



Certificate of Participation

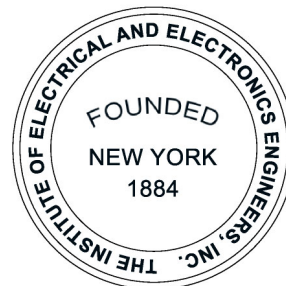
This is to certify that

Osama elkholy

From team AttAckOnIEEE Participated in IEEEExtreme 16.0 Programming

Competition that Hosted +14,600 Participants

22nd October 2022



A blue ink signature of K. J. Ray Liu.

K. J. Ray Liu

IEEE President 2022