



Certificate of Participation

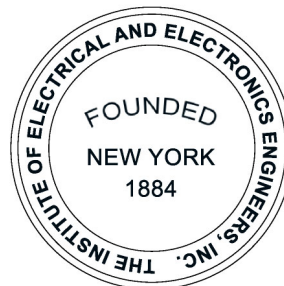
This is to certify that

Amal AlShuwaier

From team AlfaisalEngineers Participated in IEEEExtreme 16.0 Programming

Competition that Hosted +14,600 Participants and ranked 1 on teams from Saudi Arabia

22nd October 2022



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

K. J. Ray Liu

IEEE President 2022