



Certificate of Participation

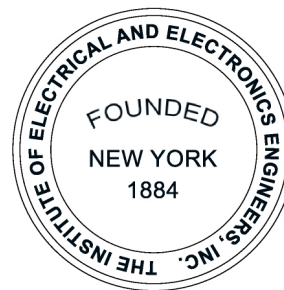
This is to certify that

Ghaidaa Shtayeh

From team PySpark Participated in IEEEExtreme 17.0 Programming

Competition that Hosted +17,000 Participants

29th October 2023



Saifur Rahman
Saifur Rahman
IEEE President 2023