



Certificate of Achievement

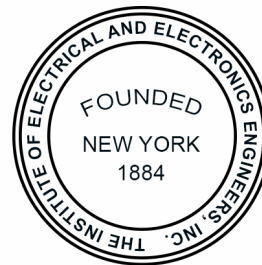
This is to certify that

Shamekhi Al-Suwi

From team Mercenaries Ranked 93

In the IEEEExtreme 13.0 programming competition that hosted 9,400 participants

19th October 2019



José Manuel Fonseca de Moura

José M. F. Moura

IEEE President 2019