



# *Certificate of Achievement*

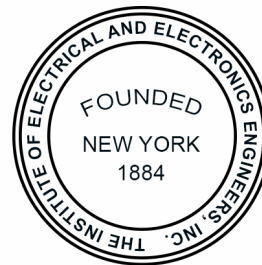
*This is to certify that*

*Fares Frikha*

*From team SystemError Ranked 75*

*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*