



Certificate of Participation

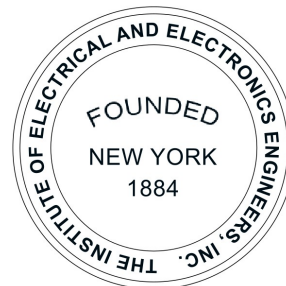
This is to certify that

Hamza Salameh

From team Marx Participated in IEEEExtreme 19.0 Programming

Competition that Hosted +19,000 Participants

25th October 2025



A handwritten signature in black ink, reading 'Kathleen A. Kramer'.

Kathleen A. Kramer

IEEE President 2025