



**IEEE 4th International Conference on Computing and Machine
Intelligence**
April 05-06, 2025
Central Michigan University

CERTIFICATE

of Participation

This certificate is presented to
Ismail Bibers

For participating and presenting the
paper titled:

**Ensemble Feature Selection for Network Intrusion
Detection Systems Using Explainable AI: A
Frequency-Based Approach**

A handwritten signature in blue ink, appearing to read "Ah".

General Chair
Ahmed Abdelgawad, PhD