



**IEEE 4th International Conference on Computing and Machine
Intelligence
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Central Michigan University**

CERTIFICATE

of Participation

This certificate is presented to
Hussien Abdelraouf

**For participating and presenting the
paper titled:**

**Federated Unlearning: Techniques, Trends, and
Future Directions**

A handwritten signature in blue ink, appearing to be "AA", written over a light blue circular background.

General Chair
Ahmed Abdelgawad, PhD