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Intelligence
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Central Michigan University

CERTIFICATE of Participation

This certificate is presented to
Abdulsalam F. A. Al-Bashiri

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

**Enhancing IoT Security through the Integration of
Explainable AI and Ensemble XGBoost for
Improved Intrusion Detection**

A handwritten signature in blue ink, appearing to be "AA".

General Chair
Ahmed Abdelgawad, PhD