



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

CERTIFICATE

of Participation

This certificate is presented to
Abdullah Ibrahim

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

**AI-Driven Code Generation: A Systematic Review of
Recent Advances, Challenges, and Future Directions**

A handwritten signature in blue ink, appearing to be "Ah", located above the name of the General Chair.

General Chair
Ahmed Abdelgawad, PhD