



**2<sup>nd</sup> International Conference on Artificial Intelligence,  
Blockchain, and Internet of Things,  
Central Michigan University, USA  
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## **CERTIFICATE OF PARTICIPATION**

**This is to certify that the following participants:**

**Magdy Bayoumi**

**Presented the paper titled:**

**Efficient Deep Learning Approach for Arthritis Prediction**

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ÜNİVERSİTESİ  
İ S T A N B U L

**Dr. Ahmed Abdelgawad**  
**General Chair**



**Northeast Michigan  
USA**