

### **Basic Information :**

**Name :** HEBA MOHSEN MOHAMED MOSAAD HUSSEIN

**Title :** Coordinator of the Artificial Intelligence Program



Heba Mohsen is an Assistant Lecturer at Future University in Egypt, within the Faculty of Computers and Information Technology. Holding a Ph.D. in Artificial Intelligence, and she currently holds the role as the AI Program Coordinator at the faculty. She is dedicated to advancing AI education, overseeing curriculum development, and mentoring students in emerging AI technologies. She actively contributes to research in AI, focusing on applications that bridge theory with practical industry needs..

### **Education:**

Certificate	Major	University	Year
PhD	Computer Science		2018
Masters			2012
Bachelor	Computer Science		2006

### **Teaching Experience:**

Name Of Organization	Position	From Date	To Date
FUE	Lecturer	01/10/2006	Current

### **Researches / Publications :**

A Comparative Study of Recent 2D Human Pose Estimation Methods

A Proposed Biometric Technique for Improving Iris Recognition

Consensus Nature Inspired Clustering of Single-Cell RNA-Sequencing Data

Signature identification and verification systems: a comparative study on the online and offline techniques

Classification using Deep Learning Neural Networks for Brain Tumors

Classification of Brain MRI for Alzheimer's Disease Based on Linear Discriminate Analysis

Brain Tumor Type Classification Based on Support Vector Machine in Magnetic Resonance Images

Intelligent Methodology for Brain Tumors Classification in Magnetic Resonance Images

A Comparative Study of Segmentation Techniques for Brain Magnetic Resonance Images

Computer-aided diagnosis of human brain tumor through MRI: A survey and a new algorithm

A machine learning technique for MRI brain images

Comparative Study of Intelligent Classification Techniques for Brain Magnetic Resonance Imaging

### **Thesis :**

Intelligent machine learning algorithms for processing the Brain images

Developing an Image Analysis Algorithms for Computer-Aided Detection Medical Systems

**Awards:**

Award	Donor	Date
NA	NA	01/01/2014