# AMIRA NASSAR

**TO LEARN PROGRAMING** 

And artificial intelligence



#### PROGRAMMING

Programming, also known as coding, is the process of designing and building instructions for a computer to execute. This involves writing sets of logical and structured commands using a specific programming language. The main goal of programming is to create software, applications, or websites that perform specific tasks or functions. It requires problem-solving skills, attention to detail, and creativity to effectively code and develop programs. There are various programming languages such as Python, Java, C++, and many more, each with its own syntax and purpose. Learning programming can open up a world of opportunities in the tech industry and beyond.

## ITS FIELDS

There are many and varied fields of programming, including the following

Web Development

Mobile App Development

Data science and Al

# ITS ADVANTAGES

The advantages of programming are very many and endless, but we will know some of them



#### ARTIFICAL INTELLIGENECE

Artificial intelligence (AI) is the simulation of human intelligence processes by machines, especially computer systems. These processes include learning, reasoning, problem-solving, perception, and language understanding.



AUTOMATIC CARS



MARKETING AND ADVERTS



**CHAT GPT** 



**DATA SCIENCE** 



AI IN HUMAN MEDICINE

## ROBOTICS INDUSTRY



Sophia is a social and artificial intelligence robot developed by Hanson Robotics. Sophia has been described as the world's first

and most human-like robot. Sophia is designed to be a social robot capable of interacting with humans, providing answers to their questions and participating in dialogues. Sophia has been used in various fields such as education, entertainment, technology and medicine.

#### COPILOT

An Al-based companion that works
everywhere you work and intelligently
adapts to your needs and It is like GPT chat
that helps in doing research, but we do not
always prefer doing research with it because
errors may occur to some extent.

## AI WORK APPLICATIONS



Google Assistant app

Al Learning app data bot

Amazon Alexa app

Robin app

Cortana app