STP’23 Participants Recruitment

Engineering Section Workshops:

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| Machine Learning | Robotics | Python |
| - Learn and implement algorithms from scratch  - Learn how to analyse and clean data  - Create a self driving car | - Learn the most popular  programming language  - Learn how to use different libraries  - Implement your own game | - Learn how to use Arduino board  - Learn programming using C++  - Create a smart home |

Freelancing Section Workshops:

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| Graphic Design | s |
| -learn the basics of graphic design and its uses in our lives.  -We will apply to Photoshop, illustrator and Xd software  -we will make designs, logos, Create character and design a web page. | - learn about the meaning of montage and the basics of photography.  - make a video that starts with the idea and shoot to edit the video and add effects until we can publish it. |

Soft skills Section Workshops:

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| Training Of Trainees | Story Telling |
| - Know what is the TOT field and it's importance.  - Learn the different models and learning styles used.  - Learn how to design and monitor the training in an effective way.  - Learn how to design suitable activities and and tasks for the training.  - Learn how to manage the evaluation phase of the training. | - Know what is the storytelling skill and it's usage.  - Learn the structure of it and how to use it in different fields.  - Learn the different types of it.  -Learn how to be an effective storyteller and use your own way and imagination in it. |

Machathon 4.0

Autonomous Vehicles Race

**What is MACHATHON ?**

Computer Vision and AI based technology is the future of Autonomous Vehicles, the competition aims to provide the college students with a chance to work on a practical project that develops their skills and enriches their knowledge about this real life application, and gets them in touch with a state of the art technology that is highly demanded by the market, in a motivational and competitive manner mentored by professional expert in the AI field.

**Compete**

Build your 2-to-5 member team, join MACHATHON's computer vision and AI competition, and reveal your technical skills by solving a real-life Arabic NLP problem in a three-day hackathon.

**Macathon Prizes**

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| First Place | Second Place | Third Place |
| 15,000 EGP | 10,000 EGP | 5,000 EGP |

**Timeline**

Submission Deadline: 17 December 2022

Sessions Start: 1 february 2023

Filtration phase: 15 february 2023

Final Round: 21 february 2023

Summit Day(**Presentations, Judging & Winners Announcement)**: 3 March 2023

**FAQS**