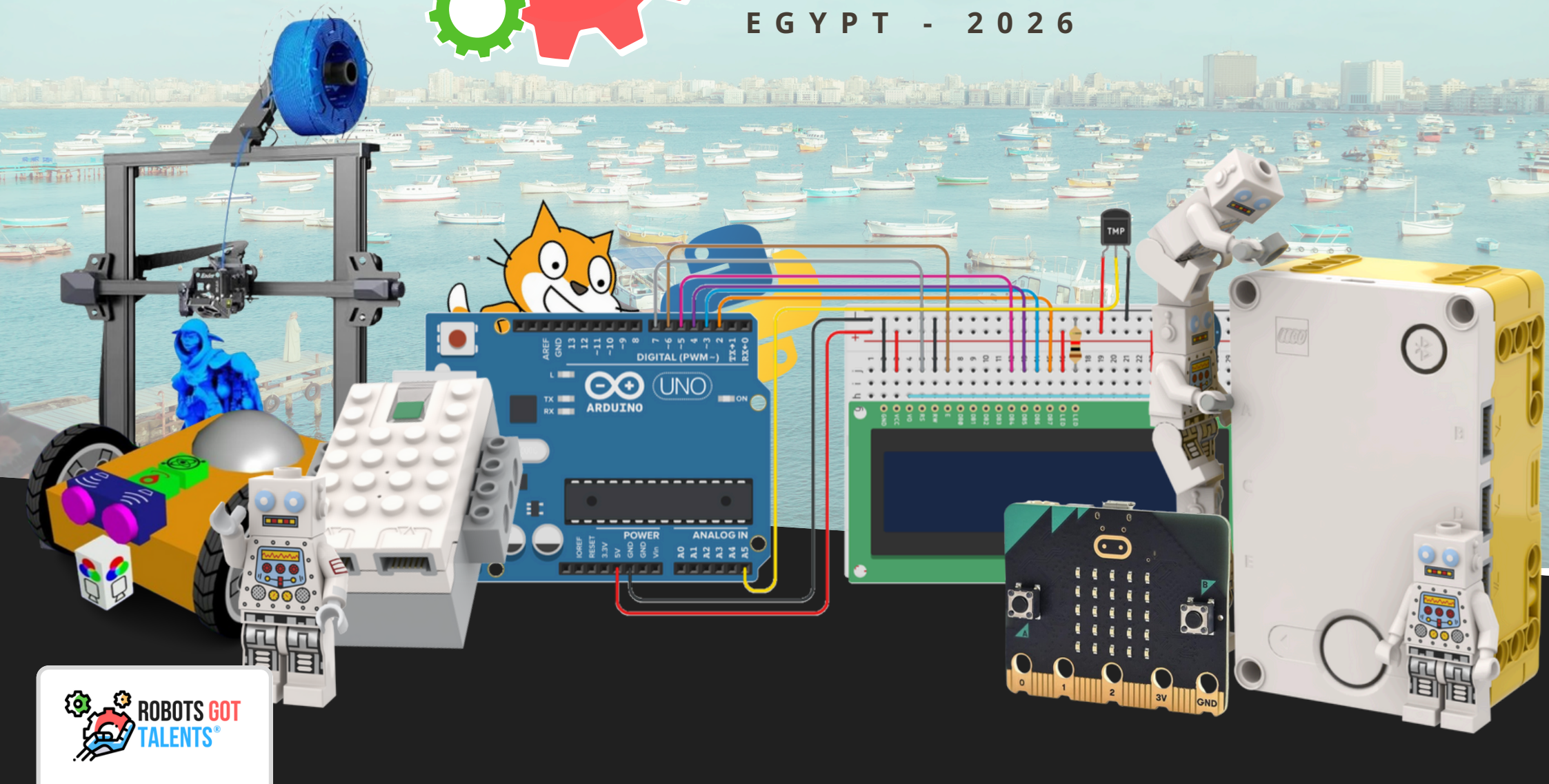
Charity Event

BOTS GOT PURPOSE

EDUCATORS BOOTCAMP

EGYPT - 2026



ROBOTS GOT TALENTS®

DAY 1

Time	Instructor/s	Session/Workshop
10:00 – 10:30	RGT BoD members	1:1 Meetings, Gathering Activities - & Games
10:30 – 11:00		
11:00 – 11:30	Youssef & Sandipan	Welcome speech
11:30 – 12:00	Eng. Maha Fathallah	Introduction to Educational Robotics | Teaching and Class management methodologies
12:00 – 12:30		
12:30 – 13:00		
13:00 – 13:30	RGT Tutoring team	Graphical/Block Based Programming via Gearsbot simulator
13:30 – 14:00		
14:00 – 14:30	Break	
14:30 – 15:00	Eng. Youssef Osman	Teaching LEGO Robotics | Spike Prime Hardware & Spike Prime Word Blocks
15:00 – 15:30		
15:30 – 16:00	RGT Tutoring team& Youssef Osman	Youssef/Tutor: GearsBot MicroPython Spike Prime MicroPython
16:00 – 16:30		
16:30 – 17:00		
17:00 – 17:30	Dr. Diego Galvez	Software-Driven Educational Robotics: A Five-Phase Framework from Design to Sharing
17:30 – 18:00		

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DAY 2

Time	Instructor/s	Session/Workshop
14:00 – 14:30	RGT Tutoring team	Introduction to teaching in electronics Microcontrollers & Computer architecture via micro:bit
14:30 – 15:00		
15:00 – 15:30	Mr. Ali Elkashef	Electronics Teaching Methodologies using microcontroller boards in classroom - via Arduino
15:30 – 16:00		
16:00 – 16:30		
16:30 – 17:00	Mr. Sandipan Chanda	Arduino Lessons planning - experiments and simulations
17:00 – 17:30		
17:30 – 18:00	Break	
18:00 – 18:30	Mr. Sandipan Chanda & RGT Tutoring team	Arduino Exercises, and Classroom management
18:30 – 19:00		
19:00 – 19:30	Eng. Aziz Hamdon	Understanding and teaching 3D printing - CAD design via OnShape
19:30 – 20:00		

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