











SUMMER CAMP 2026

REAL WORLD READY

AGES 10-14



ROVÉ
DOWNTOWN DUBAI

WEEK	BUILD & ENGINEER 9:30AM - 11:45AM	CODE & CREATE 11:45AM - 2:00PM
Week 1 Jul 6 - Jul 10	 EV3 Robotics Students build five different EV3 robots across the week; line followers, maze navigators, robotic arms, and sumo bots. Each day is a new standalone build and challenge. The week ends with a live paddlebot race.	 Electronics Engineering Students build five real electronic systems; a cable car, solar tracker, irrigation model, wind turbine, and water wheel. Each project connects a motor or sensor to a working circuit.
Week 5 Aug 3 - Aug 7	 Entrepreneurship with AI Students build a real business across five days; branding, sales, operations, finance, and HR using AI at every step. On Day 3 they laser-cut a physical product prototype. Friday is a live Shark Tank pitch.	 Electronics Product Build Students design and build a physical product prototype using the laser cutter and electronics. The brief is open sensor-driven device, motorised model, or smart circuit. The prototype goes on the table at the Friday pitch.
Week 6 Aug 10 - Aug 14	 EV3 Robotics + DataBot Students build advanced EV3 projects; a forklift, drawbot, and bridge-crossing challenge while running a live environmental science lab with DataBot 2.0. Robotics and data science in one week.	 Python + DataBot Data Lab Students write Python scripts to process real DataBot sensor readings, calculating averages and plotting graphs with matplotlib. Code meets real-world data from the room they are sitting in.
Week 7 Aug 17 - Aug 21	 Python Programming Week Students build two word games and three Turtle Graphics games entirely in Python. Every project introduces new concepts; functions, loops, events, and the random library. Five working programmes by Friday.	 Electronics Engineering Students build a working electronic project; cable car, water wheel, or wind turbine as a hands-on contrast to the coding session. Same concepts (input, output, control), different medium.
Week 8 Aug 24 - Aug 28	 Unikobo Smart City Teams build a Smart City module for their assigned zone; hospital, school, park, or transport hub using Unikobo with at least two automated features and one live sensor output. Public showcase on Friday.	 Smart Electronics IoT Students wire their Smart City module with Micro:bit-powered electronics; automatic doors, light sensors, alarms, and fans. Laser-cut panels complete the build. Every sensor fires live at the Friday showcase.

Camp timings: 9:30am to 2pm
Drop-off timings: 8:30am
onwards

**SECURE SUMMER
CAMP SPOT**



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