

✓ Beginner Robotics Checklist

NO DEGREE REQUIRED

Mindset & Foundation:

- Accept that you don't need to know everything to start
- Focus on learning by building, not memorizing
- Be okay with things not working the first time

Tools & Hardware:

- Choose a beginner microcontroller or robotics kit
- Learn to use a breadboard
- Get a basic multimeter
- Start small – blinking LEDs count as progress

Hands-On Projects:

- Build a simple LED circuit
- Control something with code (LED, buzzer, motor)
- Read sensor data (temperature, light, distance)
- Combine hardware + code into one project

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Learning Resources

- Watch robotics and electronics tutorials
- Read beginner-friendly articles and guides
- Follow makers who share real builds
(not just polished results)

Community & Growth:

- Join at least one robotics or maker community
- Ask questions – even “simple” ones
- Share your progress (photos, notes, mistakes included)
- Keep learning one small step at a time

Motbots (short for Motivated Robotics)

Exploring electronics and robotics one project at a time

Learn more at: motbots.com