Your Learner Verification

This is to verify that **Youssef Meky** has completed the course **Learn ESP32 and Arduino Interfacing** on Alison.

Youssef Meky

Alison ID: 55931733

Course Completed: Learn ESP32 and Arduino Interfacing

Date of Completion: 21st January 2026

Email: youssefmeky80@gmail.com

Total Study Time: 1h 10m

Final Assessment Score:
Alison courses requires at least 80% to pass the final assessment

88%

CPD Hours Completed:
CPD approved learning hours completed through this course

1-2h

Course Information

This free online course discusses coding Arduino UNO and preparing it to send data to the ESP32 board.

This course is ideal for you if you're keen on the Internet of Things (IoT) and wish to gain insight into applying the ESP32 - Arduino combo in your projects. In this beginner course, we teach a simple approach to programming these two microcontrollers, Arduino and ESP32, with the Arduino IDE. First, we go over the necessary hardware and software for our project. Next, we describe the MQTT protocol, including its fundamental ideas and the reasons behind its necessity.

Next, we explore the ESP32 board, its specifications and numerous peripherals. Then, we move on to the Arduino coding process and explain each step and code line through practical examples. It begins with including libraries and starting serial communication and ends with uploading the code to the Arduino board and verifying its performance. Following that, we discuss the ESP32 coding, including defining variables, creating specific methods for easily connecting to WiFi, and reading incoming data.

Claim Your Certificate

Fritzing software. This course will equip you with the foundational information to be successful on your upcoming ESP32 projects. Sign up right now!

Modules Completed

Module 1: ESP32 & Telegram: Seamless IoT Integration

Module 2: Course assessment

Select Site Language

English

Spanish

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