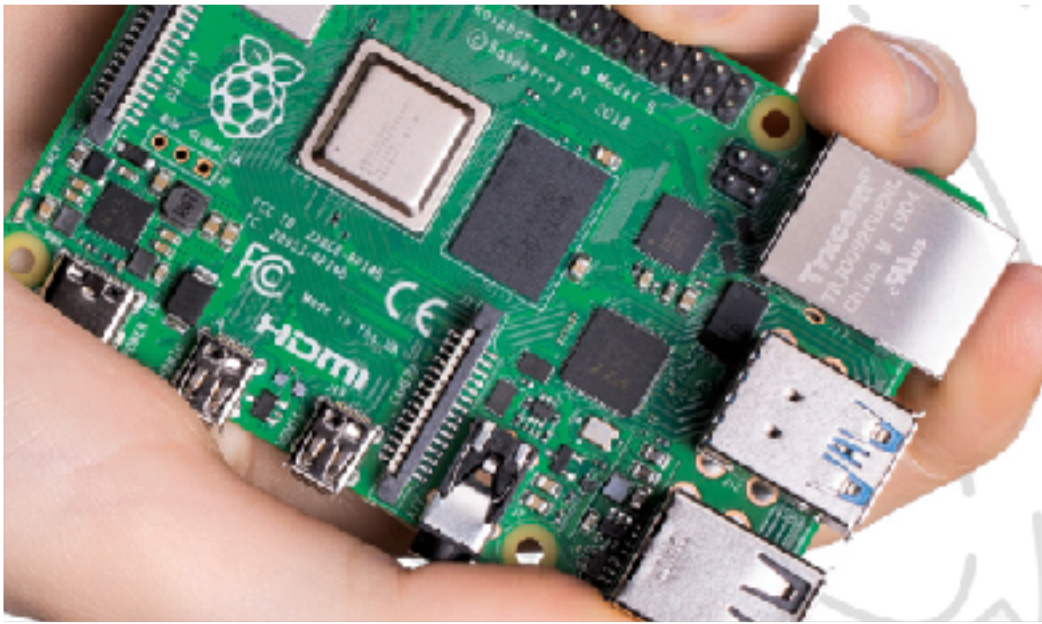# IoT Fundamentals
with Raspberry Pi

Dr.Meng MIT AI2 将在2024年秋季开设【Raspberry Pi Fundamentals Using MIT App Inventor】课程。

课程时间：7月15日至7月26日西部时间5-6:30PM（中部时间7-8:30PM，东部时间8-9:30PM）共10次，15个课时。另外课后安排30分答疑。Discord讨论组7x24开放。

Day 1
Raspberry Pi Intro
Raspberry Pi Setup
System Config Intro

Day 2
GPIO basics
Electronics basics
Control LED from Pi!

Day 3
Pi File system
Linux command lines
Hack your terminals

Day 4
Python basics
Pi physical computing
Flashing LED

Day 5
GPIO python control
LED python program
Pi remote control

Day 6
MIT App for LED
Wi-Fi setup
Control LED with app
Add sound control

IoT Fundamentals
with Raspberry Pi

Day 7

MIT App for multi LEDs
Control app with Wi-Fi

Day 8
MusicBox Projects

Day 9

Temp and Humidity app
Ultrasonic senor control

Day 10

Servo motor control
Bluetooth setup