

# Learning & understanding Arduino through helpful projects

There are tutorials on most anything out there!  
below is a selection of websites to make coding & debugging microcontrollers like Arduino easier

## [Neopixel Effect Generator](#)

Create your animation for the Neopixel LED Strip and press "Generate Arduino Code" to get it as code to copy to the Arduino IDE.

## [wokwi: Arduino](#)

Simulate IoT Projects in Your Browser

## [Tinkercad: Circuits](#)

From blinking your first LED to reimagining the thermometer, we'll show you the ropes, buttons, and breadboards of electronics.

## [Microsoft make code](#)

Microsoft MakeCode is an open source platform for creating engaging computer science learning experiences that support a progression path into real-world programming.  
including a simulator to debug your code & block coding

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