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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