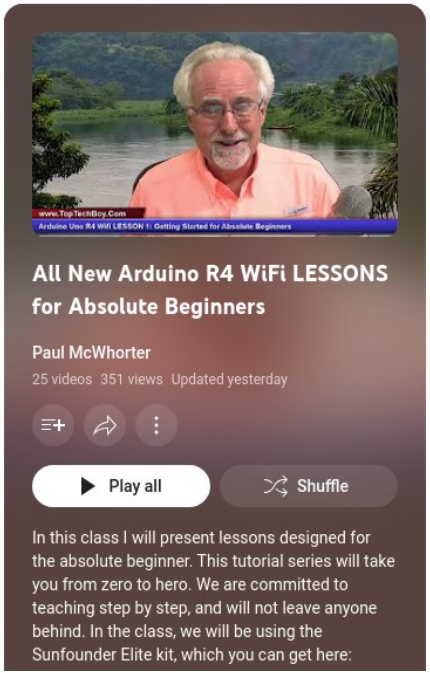
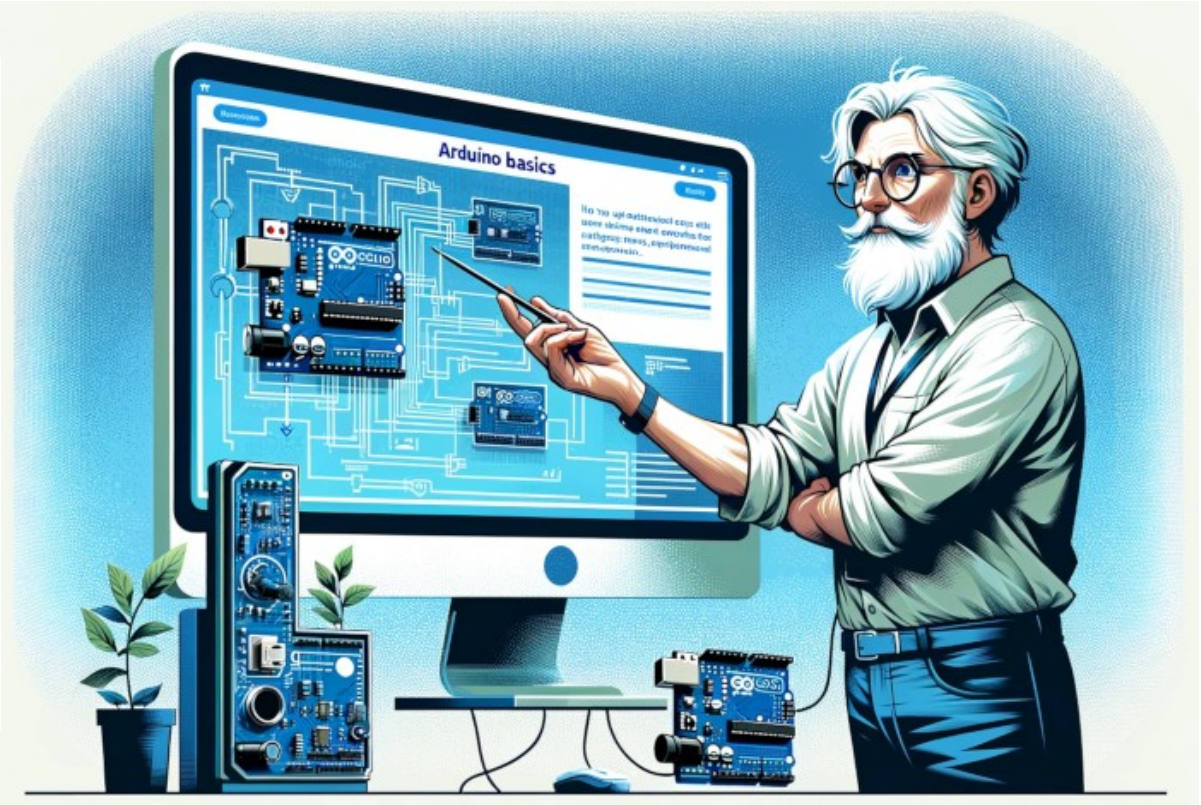
Arduino LED Blink Homework

Paul McWhorter Arduino Lesson 1





https://youtu.be/S66Iwhk2V7A?si=ToSA4rnzvSwYrEkw

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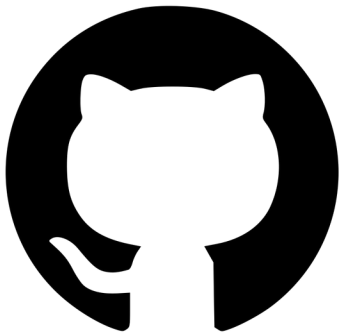

LESSON 1: Arduino Uno R4 Wifi LESSON 1: Getting Started for Absolute Beginners

These are homework and notes for LESSON 1

Homework assignment is to determine the minimum delay time to see the blinking LED.

- OpenAI ChatGPT-4 Persistence of vision conversation.
  - Persistence of vision frequency is 24 to 30 Hz. Period is 41.6 ms to 33.3 ms. Delay is 20.8 ms to 16.7 ms.

Blinking LED persistence of vision howework video.

- OpenAI ChatGPT-4 Arduino Blinking LED Lession 1 conversation.
- OpenAI ChatGPT-4 prompt:
  - You are a teacher. Today you're teaching your class about the Arduino Uno R3 microcontroller. You're going to teach your students to create their first program called Blink to turn on and off the LED at 1 Hz. Please give the sketch code and the details how to use the Arduino development environment version 1.8 to run this sketch. ChatGPT

Lession 1: Arduino blinking LED script by ChatGPT.

```
void setup() {
  pinMode(LED_BUILTIN, OUTPUT); // Initialize the digital pin as an output.
}
```

https://github.com/WA9ONY/Arduino-Homework/blob/main/README.md

David WA9ONY Lesson 1 Homework

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github.com/WA9ONY/Arduino-Homework/blob/main/README.md

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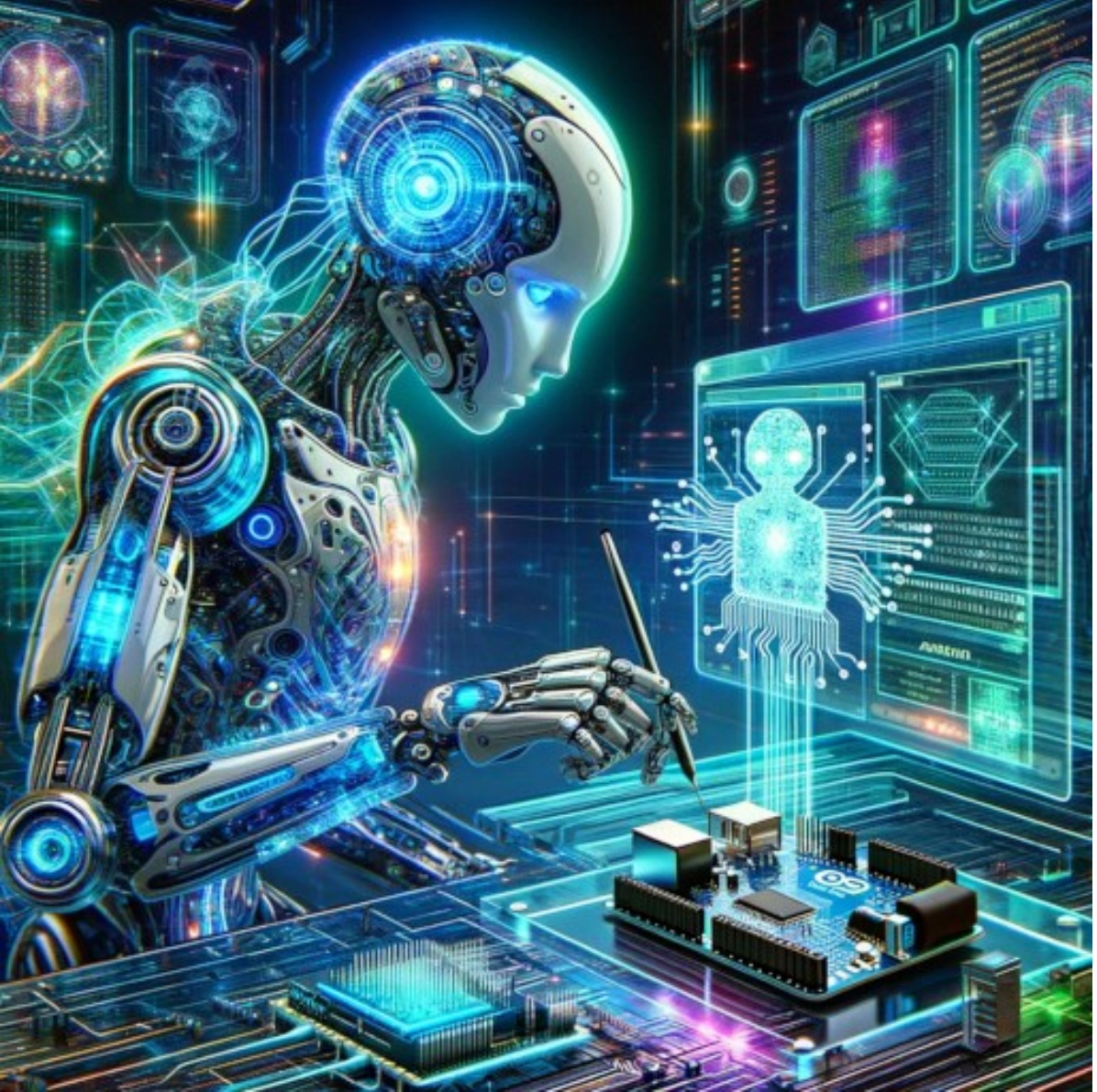

Summary

- LED
  - Persistence of vision
- Use ChatBots to
  - Code
  - Explore
  - Analyze