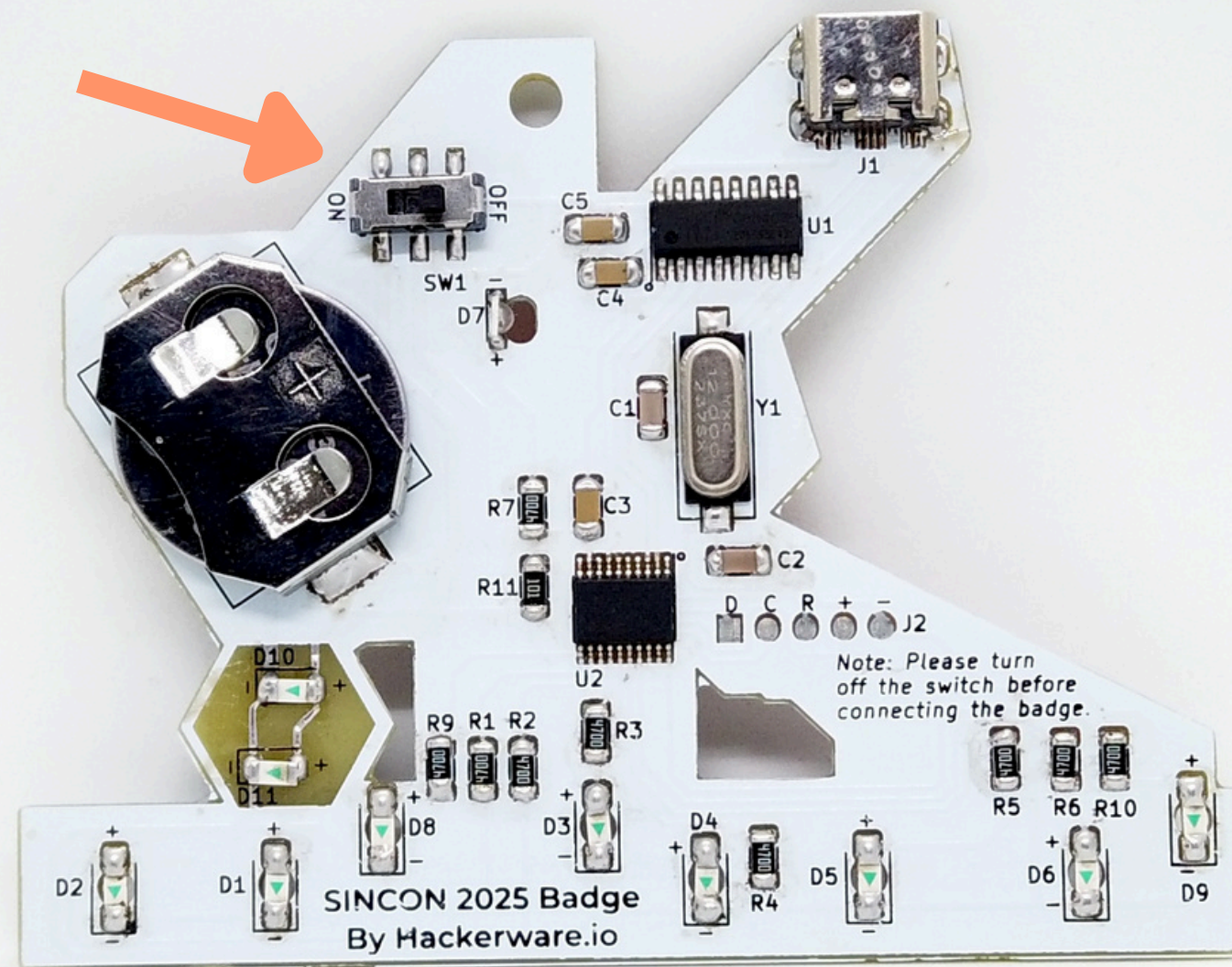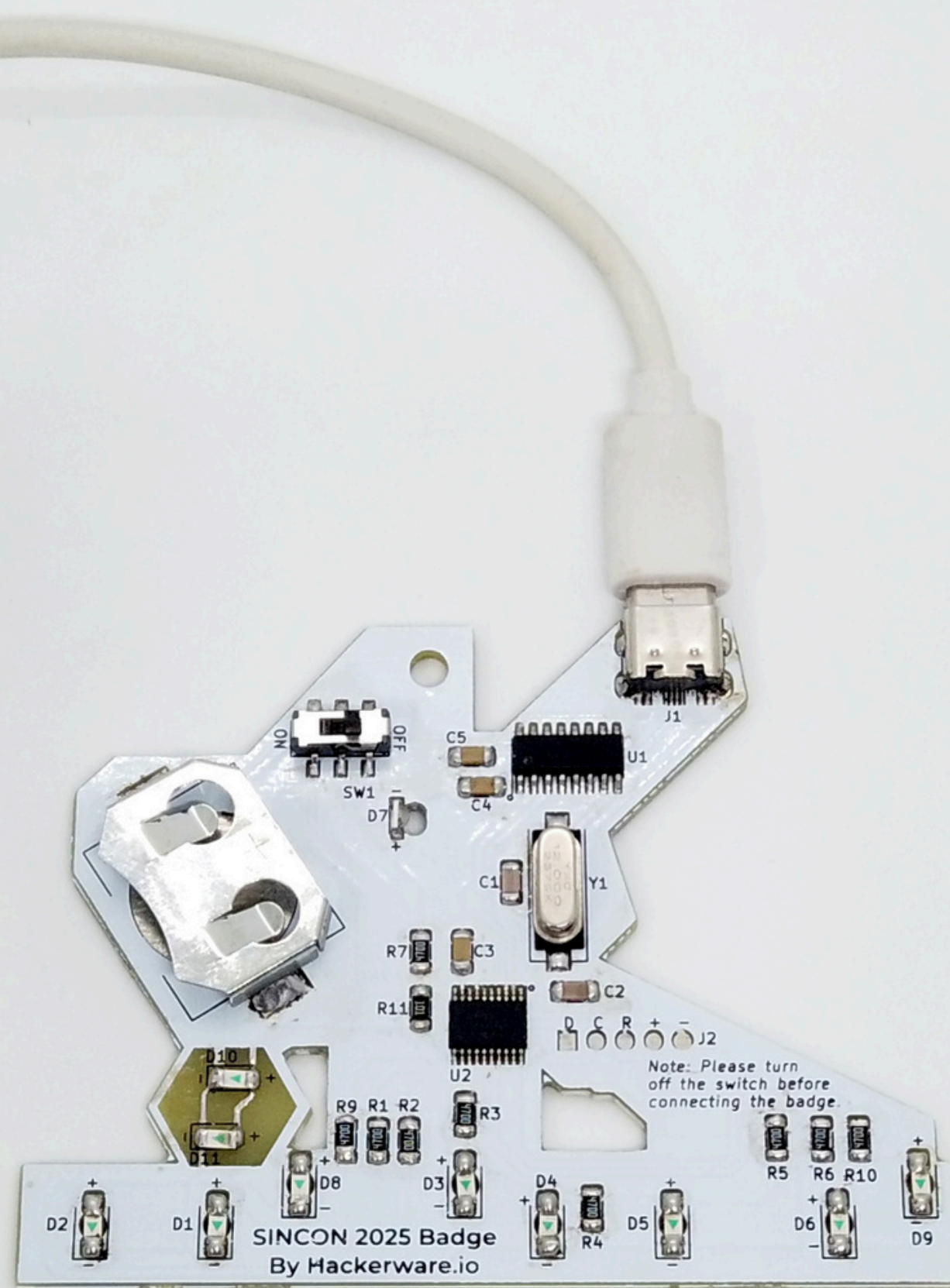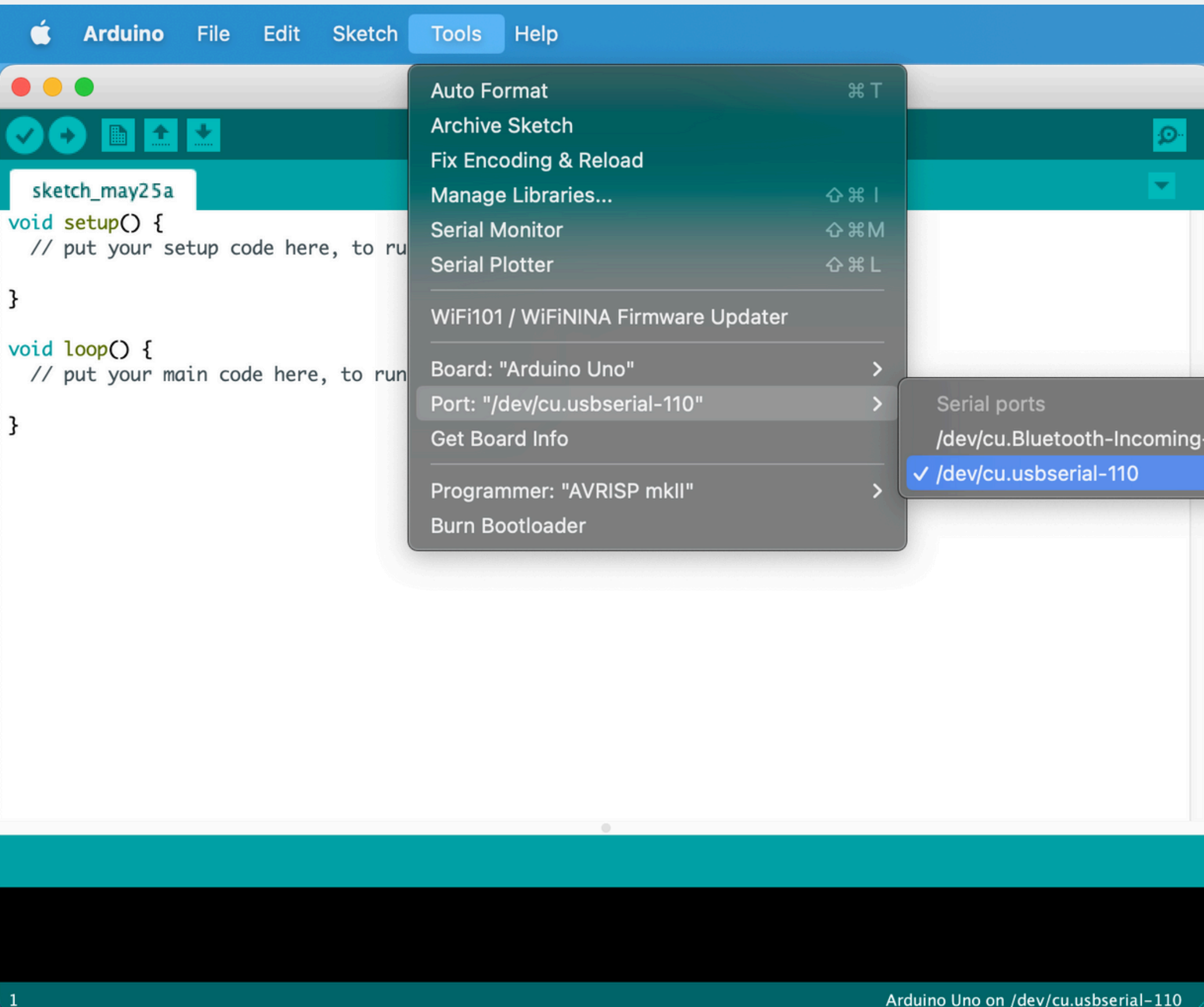# THE SINCON DRAGON BADGE

CTF Interfacing

TURN OFF THE BADGE

Before connecting the USB-C cable,

please turn **OFF** the badge.

CONNECT TO SYSTEM

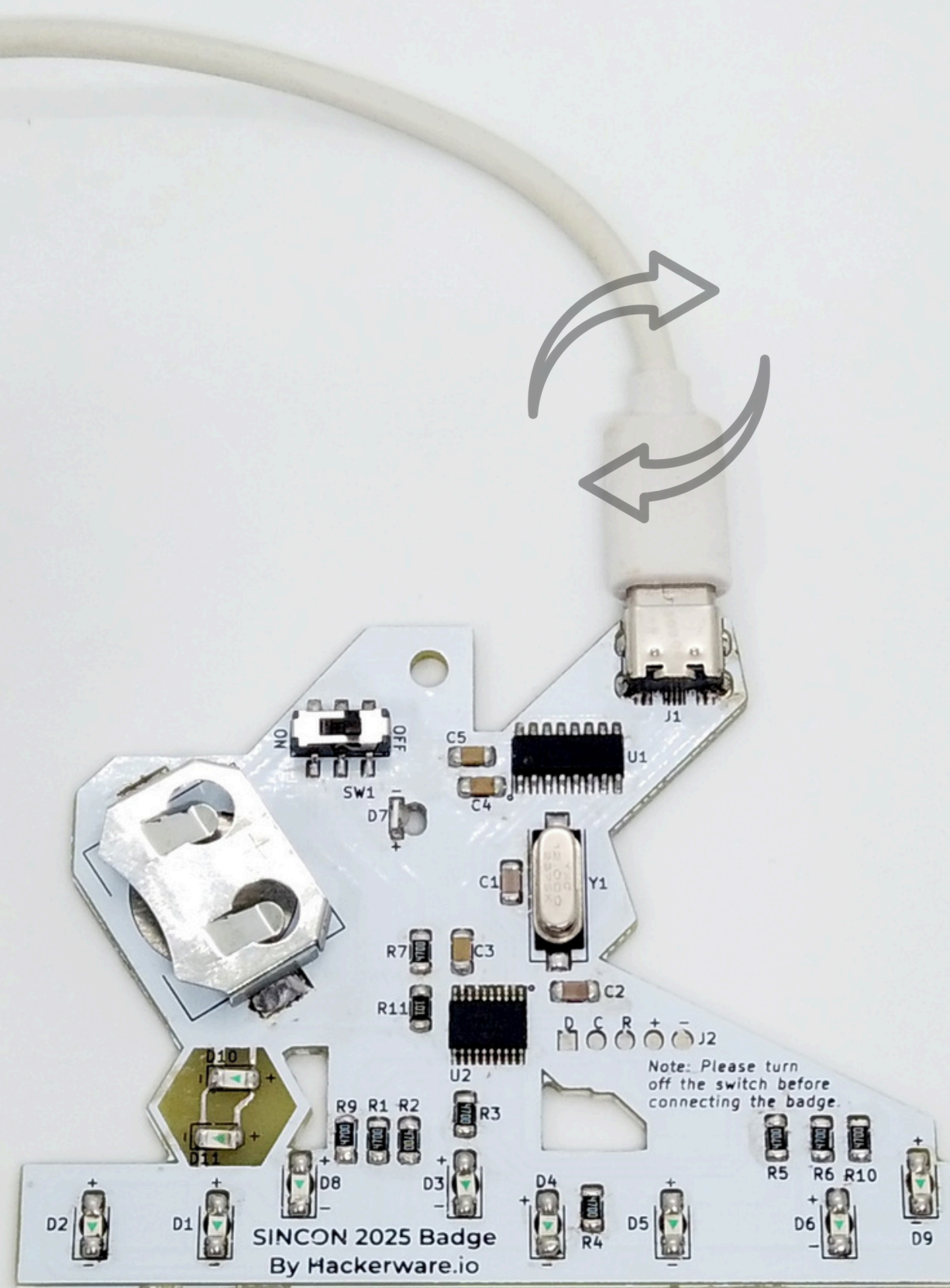Plug in the USB-C cable and connect the badge to your system.

SELECT THE RIGHT PORT

Open the Serial Monitor software of your choice.

For ease of use, Arduino IDE can be preferred.
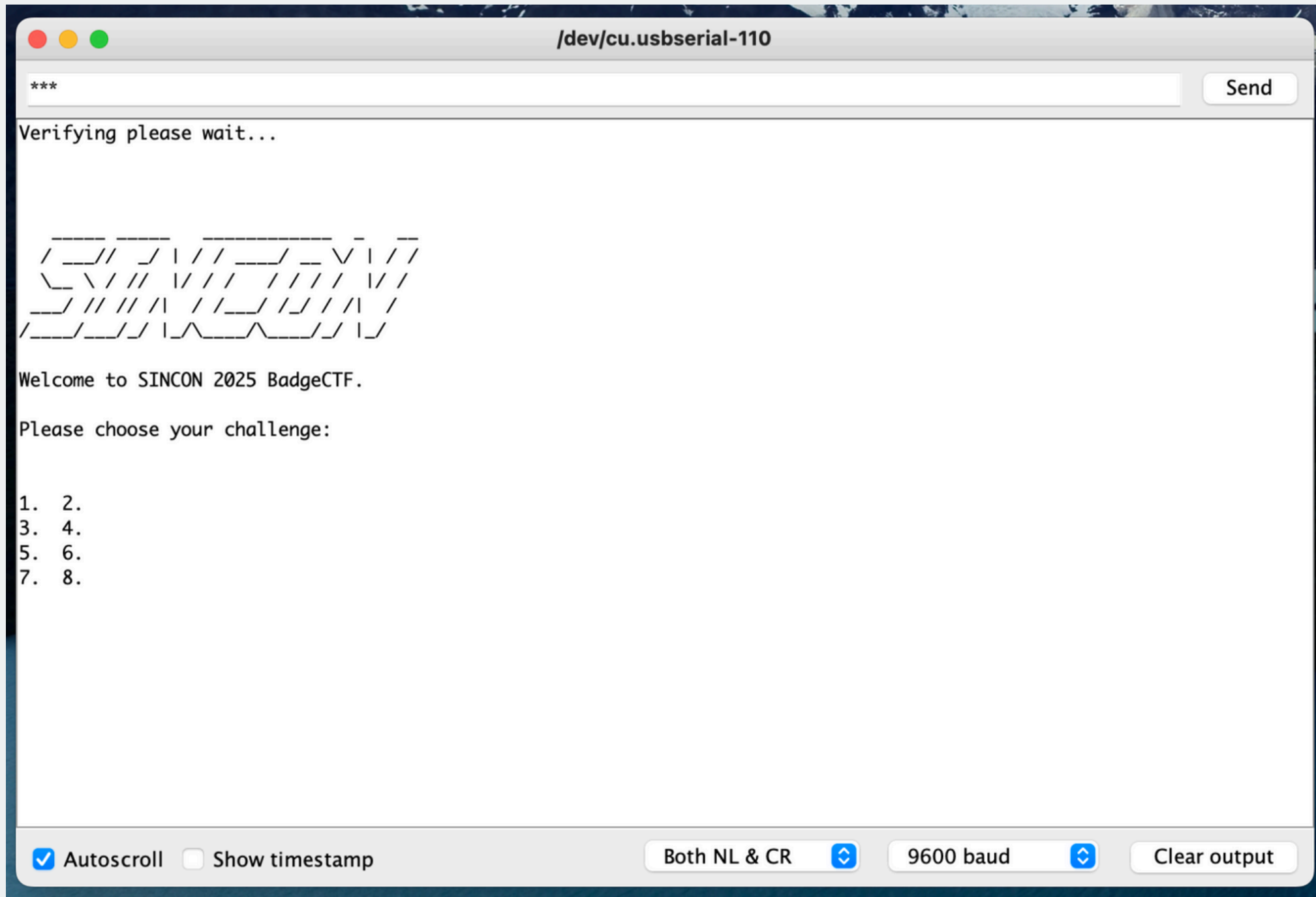
Download Arduino IDE from www.Arduino.cc

From the Tools menu, select the port where the badge is connected.

TROUBLESHOOTING

In the event Arduino does not show the correct port, flip the USB-C cable port/tip and try again.

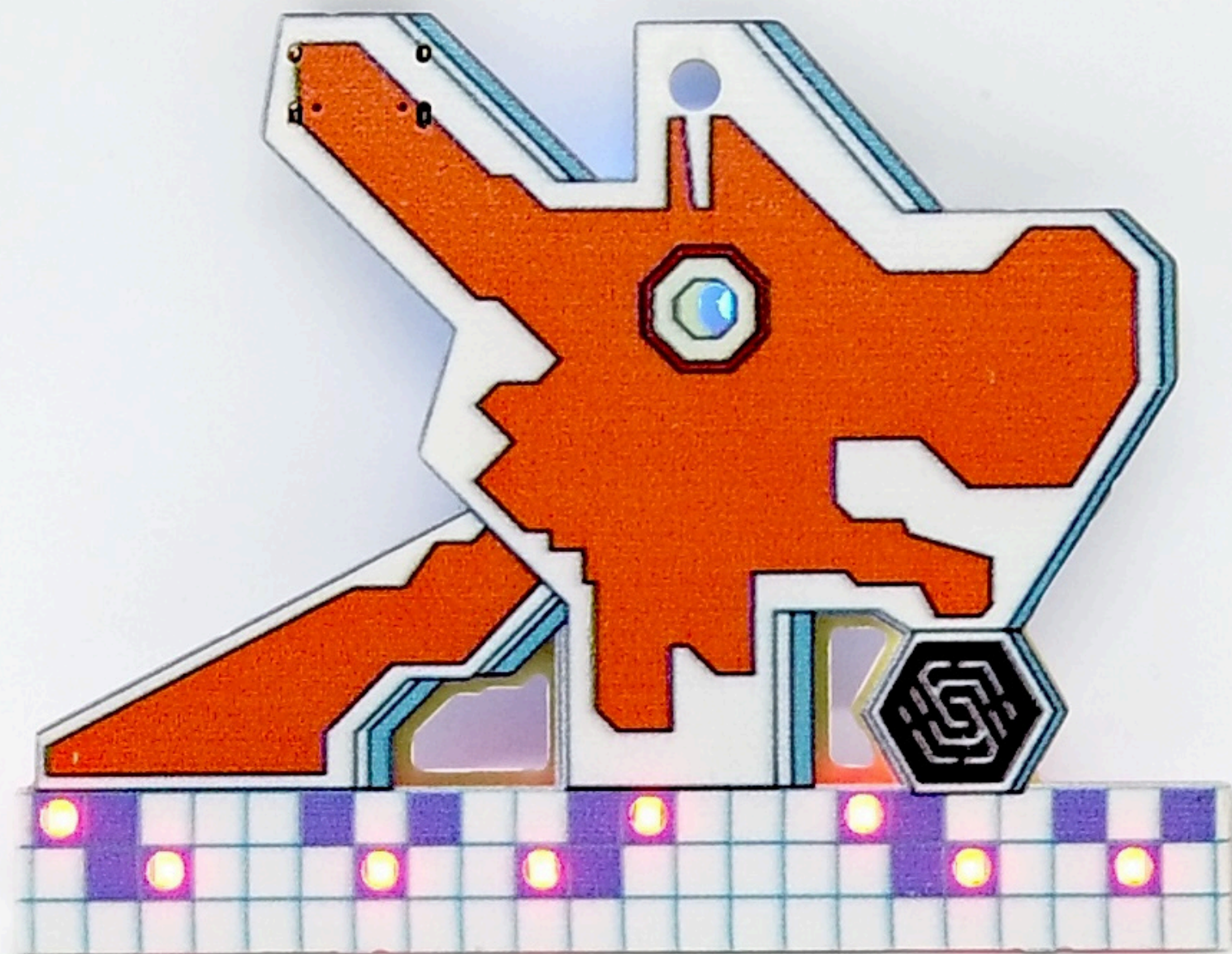In case it still doesn't work, please try with a different USB-C cable.

START SERIAL MONITOR

In the Serial Monitor, select the baud rate at **9600 baud**.

Keep **Both NL & CR**. Disable timestamps.

Send ******* in the Serial Monitor input window to start the CTF.

Enter all the flags in the same window in lowercase without any brackets.

PLAY THE CTF

Each correct flag unlocks an LED. There are a total of 8 challenges and 8 LEDs to unlock.

To reset the badge, disconnect the cable and reconnect again. Then send **RESET**.

Solve the challenges, glow your badge to max and gain bragging rights!