Code in python:

import serial

import pyautogui

# Replace 'COM3' with your Arduino's serial port

ser = serial.Serial('COM5', 9600, timeout=1)

while True:

    line = ser.readline().decode('utf-8').strip()

    if line == 'down':

        pyautogui.press('down')

    elif line == 'up':

        pyautogui.press('up')

    elif line == 'left':

        pyautogui.press('left')

    elif line == 'right':

        pyautogui.press('right')