



# HRISTO MITREV

## Embedded Engineer

@ hr.mitrev@gmail.com

+359-877-005-223

Plovdiv, Bulgaria

HrMitrev

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vertim.org

## STRENGTHS

ANSI C Microcontrollers

Low Level Programming

Embedded hardware

FreeRTOS

## PLAYED WITH

Zephyr

BLE Protocol

## LEARNING

Linux

Vim

## EXPERIENCE

ESP IoT Dev Framework


SimpleLink™ Low Power SDK


## LANGUAGES

Bulgarian: **Native**

English: **Intermediate / B2**

## ACHIEVEMENTS

 **MMS Certificate**  
Linux System  
Programming

 **LF Badge [click me](#)**  
Zephyr Project  
Technical Contributor

## ABOUT ME

*I have been interested in electronics since I was a child. I'm also excited about open source and free(as in Freedom) software.*

## EXPERIENCE

Embedded Engineer | [NextLab Ltd.](#)

Feb 2018 – Apr 2023

Sofia, Bulgaria

- Embedded Firmware
- STM32
- ESP IoT Dev Framework
- interfacing GPRS modems with AT commands
- NRF52
- Embedded Hardware
- PCB Design

Embedded Engineer | [Liebherr-Hausgeräte](#)

May 2023 – Present

Plovdiv, Bulgaria

- Embedded Firmware
- STM32 + STM LL Drivers + arm-none-eabi-gcc
- Texas Instruments CC23xx + SimpleLink™ Low Power SDK + tiarmclang
- Renesas RL78 Series + IAR Workbench + IARBuild + IAR C Compiler

## EDUCATION

High School | [Mathematical High School "Acad. K. Popov"](#)

Sep 2012 – May 2017

Plovdiv, Bulgaria

Bachelor, Electronics Engineering | [Technical University of Sofia](#)

Sep 2017 – Jul 2021

Sofia, Bulgaria

## PROJECTS

Reverse engineering Otii Arc | [click me](#)

Mar 2021

Adding support for ST-Link v2 ISOL in BMF | [click me](#)

Jan 2024