



HRISTO MITREV

Embedded Engineer

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Sofia, Bulgaria

HrMitrev

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vertim.org

STRENGTHS

ANSI C

Microcontrollers

Low Level Programming

RTOS

Embedded hardware

LEARNING

Zephyr

Linux

ESP IoT Dev Framework

BLE Protocol

Vim

LANGUAGES

Bulgarian: **Native**

English: **Intermediate / B2**

MOST PROUD OF



MMS Certificate

Linux System
Programming



LF Badge

Zephyr Project
Technical Contributor

ABOUT ME

I'm 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 – Present

Sofia, Bulgaria

- Firmware
- PCB Design
- Low Level Hardware

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 |

Mar 2021

Building a home server

Sep 2022 – Present

I moved into a new place, installed 300MBit/s fiber optic internet and now I'm figuring out how to build a home server. I want to allocate 100Mbit/s of bandwidth to mirror Linux distributions such as Arch. I'm currently choosing UPS in order to prevent downtime during a power outage(the fiber running to the ISP is passive and should work provided that the router is powered)