Marcin **Bober**

Embedded Software Developer



About me

Ever since I was young, I've been fascinated by electronics. I enjoy building and designing my own gadgets, especially working with microcontrollers and creating robots. In my free time, I love automating my smart home and experimenting with Linux systems and open-source software. I'm also a huge fan of cars and enjoy working on my own

Interests

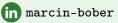
Linux Embedded
Skiing
Photogrphy
HomeLab
SmartHome

homelab setup.

Languages

Polish English Native B2

- mbober1@gmail.com
- github.com/mbober1



SHORT RESUMÉ

04.2022 - now

Embedded Software Developer

A4BEE Sp. z o.o. · Wrocław (Remote) ?

Lead embedded programmer, architecture creation, Linux Embedded, training of new employees, creating industrial IoT systems, MTP data struc-

tures, MQTT, OPC UA

05.2021 - 03.2022

Software Developer

MERIT AUTOMOTIVE ELECTRONICS SYSTEMS · Kraków ♀

Maintenance and code refactor in C lang, creating unit tests, developing QT application, porting the current embedded system to the new architecture, MISRA



DEGREES

2023 Master's degree

IT AUTOMATION SYSTEMS · Wroclaw University of Science and Technology 🏛

2022 Bachelor's degree

CONTROL ENGINEERING AND ROBOTICS · Wroclaw University of Science and Technology 🏛



PROGRAMMING



CERTIFICATES & TRAININGS

04.2024 | Linux w Systemach Embedded

BIS-LINUX.com

Yocto, Buildroot, SDK, configuring kernel and U-Boot, editing DeviceTree

09.2023 C dla Zaawansowanych

UCGOSU.PL

Mastering the C language and tools used to program microcontrollers

08.2022 MikroTik Certified Network Associate

MIKROTIK WARSAW TRAINING CENTER

Knowledge of: TCP/IP, Firewall, QoS, Routing, VPN

07.2022 ZASADY PROJEKTOWANIA ELEKTRONIKI POD KĄTEM EMC

EMC FOR BUSINESS/AKADEMIA EMC

EMC compliant PCB design and programming

06.2022 AWS Academy Graduate - AWS Academy Cloud Foundations

AMAZON WEB SERVICES (AWS)

Basic knowledge of AWS, building cloud architecture

MICROCONTROLLERS

 STM32
 HAL & Bare-Metal

 ESP32
 ESP-IDF

 RP2040
 PicoSDK

 ATSAM
 HAL

EXTRA SKILLS

Yocto, Buildroot, OpenEmbedded Git, CMake, Basic of FreeRTOS Docker & Docker Compose Proxmox, Grafana, Influx 3D design & printing Basic of PCB design SEP 1kV Category B driver's license

☑ Marcin Bober 🕈 Kraków 📞 798 356 543 @ mbober1@gmail.com

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).