

# Vladyslav Bobrykov

## Embedded Hardware/Software Engineer

Embedded Engineer with 1.5 years experience in developing software and devices with experience in teaching



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## WORK EXPERIENCE

### Embedded Hardware/Software Engineer

Alvi Prague

07/2020 - 09/2020

Kremenchuk, Ukraine

Development and manufacturing medical and cosmetic devices

Achievements/Tasks

- Develop electronic devices used AVR 32-bit and STM32 MCU:
- Developed device based on STM32 performs 9 cosmetic functions
- Implemented porting the functionality of the device based on AVR 8-bit to AVR 32-bit MCU

### Trainer (on vacation due to quarantine)

Robo.House

02/2020 - Present

Lviv, Ukraine

Children school of programming, electronics and robotics

Achievements/Tasks

- Teaching children robotics, electronics and programming (C/C++, Arduino)
- Implemented soldering and PCB's manufacturing lessons

### Embedded Hardware/Software Engineer

ECO-TECH ENGINEERING

08/2018 - 09/2019

Kremenchuk, Ukraine

Development and manufacturing water filters, germicidal lamps

Achievements/Tasks

- Developed electronic devices used AVR 8-bit MCU:
- Electronic unit for filter regeneration
- Automated water vending device (Tradepoint)
- Vending machine
- Implemented 2 functions for Tradepoint and Vending Machine: automatic water flow and money counting.

## EDUCATION

### GlobalLogic Linux Kernel BaseCamp

GlobalLogic EDUCATION

04/2020 - 06/2020

Online Course

### Computer Science

Lviv Polytechnic National University

09/2020 - Present

### Automation and computer-integrated technologies

Kremenchuk Mykhailo Ostrohradskyi National University

09/2015 - 07/2019

Diploma's topic

- Device for monitoring the current-voltage characteristic of a diode

## SKILLS

AVR 8-bit

AVR 32-bit

STM32

C

C++

Linux Kernel (Drivers and Modules)

Digital Circuit Design

Analog Circuit Design

Design PCB Layout

Manufacturing PCBs

Bash Scripting

Raspberry Pi

ESP32/ESP8266

Git

## FREELANCE PROJECTS

Security System (03/2020 - 05/2020)

- Developed embedded part of the system used ESP32/ESP8266

## LANGUAGES

English

