

## **ALEXEY OSIPOV**

SECOND YEAR STUDENT, 19 YEARS OLD

osipov.as@phystech.edu

♠ AlexeyOsipov742

**w** vk.com/id223147110

f t.me/lohotron\_742



# ☐ Technical skills

## > </> Programming languages

C++ • C • Python

> X Tools

CMake • Git • LaTeX • MicroCap • MatLab

**>** □ Devices

Arduino ● STM32 ● RaspberryPi

> \( \delta \) os

Windows • Ubuntu

> > Craft

Soldering ● Milling cutting ● 3D printing ● Laser cutting

## Soft skills

- > Problem-solving
- **>** Communication
- > Self-learning
- > Helping



#### Moscow Institute of Physics and Technology

DEPARTMENT OF RADIO ENGINEERING AND CYBERNETICS

2022-2026



#### LLC PromSvyazRadio

01.2024-Present

ASSISTANT OFF THE CHIEF ENGINEER



## **Projects**

#### > Interface for remote control of radiostation [Link]

Interface for remote control of the Motorola XTL 2500 mobile radio station. The STL library for C++ is used, and it is planned to use STM32 to create a secure IP connection.

Tools: C++, Make, IAR ER for Arm

### > Radio controlled airplane [Link]

Model of a radio controlled airplane made of foam plastic with a remote control made on Arduino Uno, a receiver for the airplane on Arduino Nano

Tools: Soldering, Arduino IDE, C

#### > Programming on RaspberryPI

Took a six-month MIPT course programming in RaspberryPI

**Tools:** Python

## Hobbies & Interests

- > 🖵 Radio engineering
- > 

  Playing the piano
- > 🕿 Rally