

# Mikołaj Lubiak

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🌐 lubiak.pages.dev

## Profiles

🐙 Github  
mikolajlubiak

🌐 LinkedIn  
lubiak

## Skills

C/C++  
Assembly  
Python  
Embedded Linux (Yocto)  
Chromium  
Security/Cryptography  
Git  
Googling

## Awards

Honoree at Gigaton  
Giganci Programowania  
Applied programming contest  
in Warsaw University of  
Technology, Faculty of  
Mathematics and Information  
Sciences.

17 years old at that time.  
Projects made in C++.  
Credsverse

Article in Gynvael  
Coldwind's Zine  
Article about my embedded  
project PixelPin.

Article link

## Languages

Polish  
Native  
  
English  
Fluent  
  
German  
Beginner

## Experience

Astek Warsaw  
C++ Engineer (Security and Provisioning) 11.2025 - Present  
Xperi Project  
<https://xperi.com>

NielsenIQ Warsaw  
Python Engineer (Web scraping) 07.2025 - 11.2025  
<https://nielseniq.com>

Go20ps  
Backend engineer, sysadmin, devops 09.2023 - 10.2024

Lesson4Future  
Lead engineer, sysadmin, pentester 08.2023 - 02.2024  
Project made for the National Polish Bank.  
<https://www.lesson4future.com>

Sealcode  
Backend developer 07.2023 - 07.2025

Freelance  
  
2020 - 2025

## Projects

Terminal Animation  
Turn media (video/gif/image) into colored, animated or  
static, ASCII art.  
[https://github.com/mikolajlubiak/terminal\\_animation](https://github.com/mikolajlubiak/terminal_animation)

GOS  
Simple 2 stage bootloader and a kernel.  
<https://github.com/mikolajlubiak/gos>

PixelPin  
Embedded code that receives self made protocol commands or  
image data through BLE and displays it on e-paper display.  
<https://github.com/mikolajlubiak/pixelpin>

ESPCon  
Game console engine for ESP32 and TFT displays.  
<https://github.com/mikolajlubiak/espcon>

vlkn  
yet another Vulkan renderer  
<https://github.com/mikolajlubiak/vlkn>

Math Board  
Platform that detects your handwriting using neural  
networks and computationally solves your equations.  
<https://github.com/MathBoardProject/MathBoardAlgoML>

## Volunteering

FTXUI  
Pull request

Intel® Cryptography Primitives Library  
Pull request