



Szymon Parol

I am a mechatronics engineer, completing my master's studies, with a passion for programming and developing modern embedded devices. In my home projects, I implement advanced solutions based on microcontrollers such as STM32, Raspberry Pi, and ESP32, which allows me to develop my skills in embedded systems. In my professional work, I create web applications, APIs, and automate processes using C# and Ruby. My dedication, ambition, and ability to work effectively in a team enable me to take on new challenges with enthusiasm and strive for continuous technological growth.

Email: szymon.parol@outlook.com

Phone: 691 800 132

City: Warszawa

Języki:

- English – B2/C1
- Polish – B2/C1

Skills:

- Office and CAD tools: Microsoft Office, AutoCAD, Fusion 360; basic knowledge of Eagle, Blender, Rhino
- Programming and embedded systems: C++, C#, Ruby, Python, .NET; experience with AVR, STM32, RP2040, ESP32 microcontrollers; basic knowledge of PLC controllers
- Soft skills: fast learning, effective teamwork

Interests:

- Computer and board games
- Home brewing
- Electronics
- Learning programming languages
- Hobby projects in mechanics, robotics, and automation

Linki:

- Portfolio:
<https://szymonparol.github.io/>
- LinkedIn:
[linkedin.com/in/szymon-parol-b2b952106](https://www.linkedin.com/in/szymon-parol-b2b952106)

Experience:

05.2023 - **Media Engineer**

Present *Iyuno A/S*

Description: Creating, updating, and improving applications that optimize production processes

07.2022 - **Technician**

09.2022 *SPIE Building Solutions Sp. z o.o.*

Description: Maintenance and control of building systems (water, electrical, alarm, etc.)

07.2021 - **Intern**

09.2021 *ArcelorMittal Warszawa Sp. z o.o.*

Description: Internship in the steelworks maintenance department. Maintenance, implementation, and modernization of automation systems

Edukacja:

10.2023 – **Master's Degree**

Present *Warsaw University of Technology*
Faculty of Mechatronics

10.2018– **Bachelor's Degree**

05.2023 *Warsaw University of Technology*
Faculty of Mechatronics
Specialization: Multimedia Techniques

Certyfikaty:

02.2019 **B2 ACERT**

Organizer: Foreign Language Study Center, Warsaw University of Technology