RYSZARD SURMACZ

SUMMARY

I am a student currently pursuing a Master's in Mechanical Engineering at Lodz University of Technology. I have always been interested in design of mechanisms and space technologies. I am seeking to further develop my knowledge and skills through practical experience in a working environment. I am characterised by my analytical mindset, knowledge of current technological issues and experience gained from work and private projects.

LANGAUGES

Polish: Native language
English: Proficient C2 (CAE)
French: Intermediate B1 (DELF)

SKILLS

- Knowledge of Microsoft Office
- Knowledge of CAD (Creo, Onshape, SolidWorks, NX)
- Knowledge of ANSYS Structural and Fluent
- Basic programming skills (C++, Java, Arduino, MatLab)
- Creative thinking and quick learning
- Ability to fit in with the team
- Driving licence

EDUCATION

Lodz University of Technology 2024.10 – currently

Łódź, Poland
Master's in Mechanical Engineering (English studies)

ECAM LaSalle (Grande école d'ingénieurs) 2022.09 – currently

Lyon, France
Master's in Mechanical Engineering; part of a Double Diploma program

Lodz University of Technology 2020.10 – 2024.09

Łódź, Poland
Engineer: Mechanical Engineering (English studies)
Bachelor's thesis: Design of a small wind tunnel for laboratory experiments

EXPERIENCE

BSH Sprzęt Gospodarstwa Domowego Sp. z o.o. in Warsaw, Major Domestic Appliances (MDA) Production Branch 2024.03 – 2025.09

Łódź, Poland

- Working with 3D printers in various technologies (FDM, SLA, PolyJet, MJF) – operation and maintenance
- Preparation of printing programs
- Assistance in workshop
- 3D modelling in CAD - NX

Science club FabLab (ECAM) 2022.09 – 2023.06

Lyon, France

- Participation in training courses for the operation of 3D printers (FDM/FFF, DLP/SLA), laser cutter, vinyl cutter
- Participation in the design of a gaming machine

CERTIFICATES

- English C2 (CAE)
- French B1 (DELF)
- Foundations in Stress Analysis using Ansys Mechanical (Ansys Associate Certification)
- Fundamentals of Compressible Flows (Ansys Associate Certification)
- Basics of Artificial Intelligence (NAVOICA) (Course in Polish)