

Dawid Cieślak

Design Engineer

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Mechanical engineer with experience in parametric modelling and technical documentation. I work in Fusion, Inventor, SolidWorks and DraftSight, designing machine parts in accordance with ISO standards, ensuring precision, functionality, and aesthetics. Check out my work at dawidcieslak3d.com.

Outside of work, I enjoy sports, games, and a good dose of competition — whether on the field, at the PC, or around a board game. As a hobby, I play the drums (much to my neighbours' delight) and am developing my own video game.

Experience

Design Engineer | Research and Development Department | Lubawa S.A. | Lubawa, Poland

07.2025 – present

- Designing protective textile equipment (Military, Police, Fire Department) in SolidWorks and DraftSight
- Developing technical documentation and manufacturing drawings (ISO/DIN)
- Prototyping and cooperating with technologists to optimise production
- Selecting materials and supporting testing/certification for safety and durability

3D modelling Freelancer

08.2024 – present

- More at dawidcieslak3d.com

Technologist Engineer | Schenck Rotec Polska | Tychy, Poland

10.2022 – 09.2023

- 3D modelling and designing machine components in Fusion and Inventor
- CAM programming and CNC machining
- Developing technical documentation
- Preparing models for 3D printing
- Balancing all types of rotors

CAM Programmer, CNC Machinist | Schenck Rotec Polska | Tychy, Poland

07.2021 – 10.2022

Truck Mechanic | TTS Group | Tychy, Poland

06.2020 – 08.2020

Gardener, Maintenance Worker | Cedars Care Home | Westcliff-on-Sea

06.2017 – 08.2017

Education

AGH University of Science and Technology, Kraków, Poland

Bachelor's Degree in Mechanical Engineering

10.2018 – 02.2023

University of Padova, Italy

Master's in Mathematical Engineering (Incomplete)

09.2023 – 06.2024

Uniwersytet Warmińsko-Mazurski w Olsztynie

Master's in Mechanical Engineering (Weekend Studies)

03.2025 – present

Languages

- **Polish** - native
 - **English** - C1 (IELTS Band 8)
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Skills and Certifications

- **Driving Licence cat. B**
- **Proficient in Microsoft Office**
- **English language – C1 (IELTS Band 8)**
IELTS Test Center Warsaw
- **Autodesk Fusion 360 Certificate**
MAT Usługi Informatyczne
- **Balancing Rigid Motors – advanced level**
RoTec Polska
- **Game Development in C++**