



Brunon Bojków

Mechanical Design Engineer

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I am expanding my knowledge with Masters studies, I hold a Bachelor of Science degree in robotics-related engineering and have a strong interest in robotics and mechanical design. I am also a passionate maker.

Skills

- Project management
- Project budgeting
- Rapid prototyping
- Creative design
- Technical product description

Computer tools

- Inventor & HSM
- Solidworks
- Python and C++
- MATLAB & COMSOL

Languages

- Polish - Native
- English - C2 academic
- German - Basic
- Russian - Basic

Hobbies

- climbing · skiing · diving · rock music · sewing · woodworking · board games

Work Experience

- Oct. 2024 - Currently

Mechanical Engineer

HetBot

I developed multiple systems for AMR robots, created managed orders, negotiated with manufacturing contractors, and programmed and operated CNC machines (CAM software). I was also responsible for supervising student interns.
- May - Jul. 2024

Mechatronic Engineer

maxon Benelux

I designed, tested, and implemented an inverse dynamics controller for a dual SCARA robot. This work was my Bachelor's thesis internship.
- Sep. 2022 - Jul. 2023

Mechanical Engineer

RoboTeam Twente

I researched, tested, and implemented a ball-chipping mechanism for our robots. I developed transport and storage solutions for robotic equipment and was responsible for the maintenance of robots. My work also involved rapid prototyping and iterative design, utilizing small-batch manufacturing techniques such as plasma cutting, sheet metal bending, welding, and lathe turning.
- Oct. 2022 - Feb. 2024

Consultant in 3D Printing

Netherlands

I assembled and serviced 3D printers, designed and manufactured custom 3D printing solutions and provided instruction on the proper setup and operation of 3D printers
- 2021

3D Printing business

Poland

I designed, manufactured and sold board game accessories, cosplay accessories and office organizers. I also did servicing and reselling of 3D printers

Education and training

- Oct. 2025 - Currently

Masters

Technische Universität Wien

Masters studies in Robotics and Manufacturing
- Aug. 2023 - Jan. 2024

Bachelor

Chalmers University of Technology

Erasmus exchange
Notable courses: Product design, Machine design, Artificial intelligence and autonomous systems, Design for X
- Sep. 2021 - Jul. 2024

Bachelor

University of Twente

Bachelor study of Advanced Technology - Robotics related engineering studies
Notable courses: Intro to Mechanical Engineering, Systems and Control Engineering, Design for additive manufacturing
- Oct. 2019 - Mar. 2020

FIRST Tech Challenge

Łódź, Poland

My high school started a team in FIRST Tech Challenge, a robotics competition. I took the role of the leader of the mechanical design team.

About Me

I am an open minded individual who is eager to continue his studies while simultaneously further proceeding with his career. I have a great passion for making, both as a hobby and a professional career. I am a task-driven engineer who can do the required design and calculations but also create a prototype and further refine the system. That is why I want to work on RnD projects.

I have documented my work in my portfolios:
bkbojkow.github.io is my professional portfolio and
messedupprojects.github.io is more on the artistic maker side.