Maksim Shevchenko

Robotics engineer and lecturer

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github.com/shevchenko-robotics



PROFILE

Over eleven years in robotics and mechatronics, from space robotics R&D to industrial and mobile robots in university labs. I teach, supervise student projects and theses, and develop professional training programs for engineers.

EXPERIENCE

Moscow State University of Technology “STANKIN”

- Teaching robotics and mechatronics courses.
- Research in a robotics lab: robotic cells, collaborative robots, an online robotics education platform.
- Leading the student robotics bureau: teams, mobile platforms, competitions. The bureau’s team placed at RSC Energia’s engineering hackathon.
- Developing professional training programs on industrial robots, unmanned systems and ROS 2.

Bauman Moscow State Technical University

- Teaching, supervising bachelor theses.

Teaching abroad

- Own English-taught course on programming and operating industrial robots (ABB, RobotStudio).

RSC Energia

- R&D in space robotics.

PATENTS AND PUBLICATIONS

Patent RU 2869712 C1. Method for controlling the joint motion of a heterogeneous multi-agent system. 2026

Registered software RU 2025695805. User container management module for a robotics education platform (server side). 2025

Registered software RU 2023685496. Lighting intensity controller (LIV controller). 2023

Article. Modeling the worm-like motion of a snake robot with dynamics. E-Scio.ru (in Russian). 2019

EDUCATION

Postgraduate studies 2023
Bauman University, Mechanical Engineering. Researcher, lecturer-researcher

Master’s degree with honours 2019
Bauman University, Mechatronics and Robotics

Bachelor’s degree with honours 2017
Bauman University, Mechatronics and Robotics

TOOLS

ROS 2 · MoveIt · Nav2 · Gazebo · Python · C++ · OpenCV · ABB RobotStudio · FANUC · KUKA

FURTHER TRAINING

- Project management, IPMA ICB4
- Managing high-tech projects
- Factories of the Future technologies
- Commercialising research
- Intellectual property law, patent practice
- Teaching in higher education
- NTI Accelerator, Phystech.Aero

LANGUAGES

Russian — native
English — working proficiency, I teach in English