



CONTACT

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GitHub: Llavrih

Portfolio: llavrih.github.io

SKILLS

Programming & Robotics

- Python
- C++
- ROS
- TIA Portal
- RobotStudio

Tools

- OpenCV
- Open3D
- NumPy
- Version control

Industrial Automation

- Siemens PLCs
- ABB robots
- Robot-camera systems
- Robotic cells

Languages

- Slovene
- English
- Dutch
- Serbo-Croatian
- German

Lenart Lavrih

Robotics specialist / Engineer

Robotics • Computer Vision • Industrial Automation

PROFILE

Robotics engineer focused on industrial automation, computer vision, ROS, robot-camera systems, Siemens PLCs, and ABB robotic cells. Experienced in both academic robotics projects and industrial environments, with a practical approach to building, testing, and improving automated systems.

WORK EXPERIENCE

Robotics specialist

Apr 2024 - present

Royal Kaak, Netherlands

Food-industry automation with robotic cells, robot-camera systems, Siemens PLCs, and ABB robots.

ROS developer

Oct 2023 - Dec 2023

IHS Systems, Slovenia

ROS development for an autonomous robot, with focus on robotic perception and system integration.

Internship

Oct 2022 - Sep 2023

IHS Systems, Slovenia

Computer vision for an autonomous robot, including perception-related development and testing.

Student work

Jun 2021 - Oct 2022

RLS Merilna tehnika d. o. o., Slovenia

Developing a ROS2 framework for a custom robot.

EDUCATION

Master's degree in Robotics

2021 - 2023

University of Ljubljana, Faculty of Electrical Engineering

Bachelor's degree in Automation

2018 - 2021

University of Ljubljana, Faculty of Electrical Engineering

SELECTED ACHIEVEMENTS

- Third prize for an article on autonomous robotics.
- Third prize in a nutritional programming competition.

STRENGTHS

- Practical problem-solving in robotics and automation.
- Experience connecting software, vision systems, PLCs, and robots.
- Comfortable working in multidisciplinary engineering teams.
- Strong motivation for endurance, consistency, and long-term improvement.