

DR. GEORGII KURSHAKOV



A multidisciplinary engineer with a Bachelor's degree in Mechatronics and a Master's degree in Robotics. Currently a PhD student at UniGe in collaboration with Gter. Responsible for research and development work in the scope of GNSS-related projects. Highly skilled in mechanical and electronics design, programming and mathematical simulation.

CONTACT

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SKILLS

Programming

- Python
- Matlab
- C/C++
- LaTeX
- Bash

Operating Systems

- Linux
- Windows
- MacOS

Software & Tools

- Matlab & Simulink
- Autodesk Fusion 360
- ROS
- RTKLIB
- Visualisation
(e.g. matplotlib, Inkscape, ...)

Other skills

- Vector graphics
- Scientific presentation
- Teaching

Languages

- Italian
- English
- Russian

CERTIFICATES

- IELTS: 8.0
- GNSS Academy GROW workshop
- Scientific visualization course

POSITION HELD

PhD student. Research and development engineer in the fields of GNSS, robotics, and biomechanics. My responsibilities include algorithm design, mechanical and embedded systems prototyping, designing and conducting experiments, and analyzing results. I also participate in preparing online courses.

WORK HISTORY

- 📅 11/2022 – Present **PhD student**
📍 Gter - Genoa
Research and development in the fields of GNSS, robotics and biomechanics, algorithm design, mechanical and embedded systems prototyping, designing and conducting experiments, analyzing results.
- 📅 01/2023 – Present **Teaching Assistant**
📍 University of Genoa - Genoa
Teaching practical lectures in the courses of "Modeling and Control of Manipulators" and "Robot Dynamics and Control".
- 📅 2020 – 2021 **Robotics Engineering Intern**
📍 RSSC RTC - St. Petersburg
Designing a surround view camera model for a mobile robots acting in extreme environments.
- 📅 2019 – 2021 **Technical Translator**
📍 Marine Propulsion Systems- St. Petersburg
Translating technical documentation, negotiations, participation in the tests in ship engine sphere.

EDUCATION

- 📅 11/2022 – Present **PhD**
📍 University of Genoa **Computer Science**
- 📅 2020 – 2022 **M.Sc.Eng.**
📍 University of Genoa & Keio University **Robotics Engineering**
- 📅 2016 – 2020 **B.Sc.Eng.**
📍 University of Genoa & Keio University **Mechatronics & Robotics**

MAIN ACTIVITIES

