



Robotics Software Engineer

HIRO Robotics S.r.l. is an innovative startup, based in Genova, Italy, specialized in industrial robots vision guidance. Our award-winning company is focusing on the development of HIRO VS4, a one of its kind, innovative vision guidance system specifically designed for today's industrial framework.

HIRO Robotics S.r.l. is also engaged in different open innovation projects with several Italian manufacturing companies.

Responsibilities

1. Collaborate closely with roboticists, business developers and project managers.
2. Develop advanced algorithms/techniques for industrial robots control and machine vision.
3. Implement, test, debug, maintain and optimise our robotic software modules.

Qualifications

1. MS or Ph.D. in computer science, robotics, or related field.
2. Knowledge of industrial robotics.
3. Knowledge of high DOFs dynamics and kinematics.
4. Knowledge of computer vision algorithms.
5. Experience with commercial software development processes: good software hygiene regarding code documentation, unit testing, bug tracking, and version control.
6. Proficiency in C++.
7. Experience with software development on/with robotic and/or automation platforms (e.g. ROS).
8. Experience with Linux system.
9. Experience with Git.
10. Experience with CMake

Preferred Skills

1. Knowledge of Python and Java.
2. Knowledge of PLC programming.
3. Knowledge of machine learning algorithms and platforms.
4. Experience with industrial camera system.
5. Experience with GPU programming

Contact and Location

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