

Profession spotlight: roboticist

Main duties

- ◆ Design and develop robotic systems Integrate and program robots on production lines
- ◆ Carry out tests, adjustments and commissioning
- ◆ Ensure maintenance and continuous improvement
- ◆ Work with production/maintenance/automation teams

Skills needed

- ◆ Solid knowledge of mechatronics, electronics and IT
- ◆ Proficiency in CAD and simulation software
- ◆ Rigour, curiosity and problem-solving skills
- ◆ Ability to work as part of a team

Studies needed

From BAC +2 to BAC +5 (2 to 5 years post-secondary study):

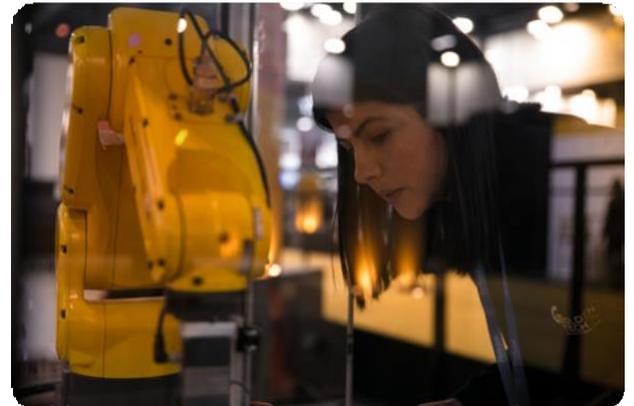
- ◆ BTS CIRA, CRSA, or digital systems
- ◆ BUT GEII or industrial computing
- ◆ Engineering degree in robotics, mechatronics, automation, or master's degree in AI applied to robotics

Where do they work?

In a wide variety of sectors: automotive, aeronautics, agri-food, logistics, health and defence. You may work in a design office, on an industrial site or in a research centre.

How much do they earn?*

- ◆ Beginner: between €2,300 and €3,000 gross/month
- ◆ Experienced: between €3,500 and €5,000 gross/month



Career progression?

There may be opportunities to move on to positions such as automation project manager, systems architect, artificial intelligence expert or industrial innovation manager.

 In short, the roboticist is a key player in Industry 4.0, at the crossroads between human and machine, for more efficient, intelligent and sustainable systems.

**These figures are indicative and may vary according to experience, sector and company size.*