

ROBOTICS Engineering

Is it for you?



DID YOU KNOW THAT..

Paige Nickason, 21, is the first patient to have a brain surgery performed by a robot.

Tesla, the car manufacturer, is working on designing a humanoid robot.

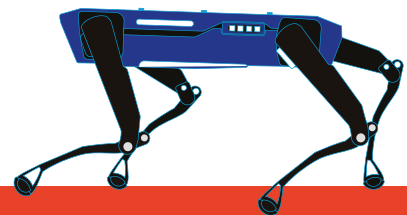
In the United States, a robot traveled into the eye of a category four hurricane to gather data that will help us better understand and predict extreme climate events.



Do you dream of designing a mind-controlled bionic arm?



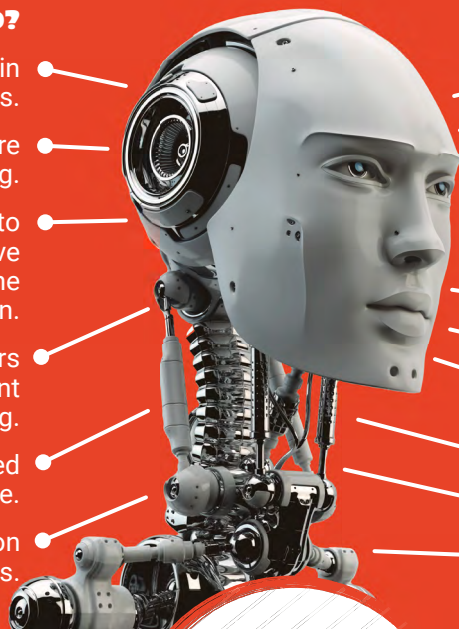
Do robots fascinate you?



Source :  REPÈRES
in French GRICS

WHAT DO THESE ENGINEERS DO?

- Design prototypes and participate in the design of robotic systems.
- Determine device architecture and programming.
- Determine which operations need to be performed and develop innovative solutions that make it possible for the robot to function.
- Search for the cause of errors in electronic and mechanical equipment or in programming.
- Assess machine safety risks based on the standards in force.
- Participate in the testing and installation of robotic systems at client facilities.



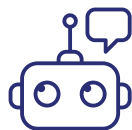
WHERE DO THESE ENGINEERS WORK?

- Work for themselves
- Consulting engineering firms
- Manufacturing companies
- Federal and provincial government
- Aerospace industry
- High technology sector
- Industrial sector
- Industrial instrumentation and equipment manufacturing sector
- Aerospace sector
- Telecommunications sector
- Medical or industrial imaging system manufacturing sector

QUEBEC ROBOTICS ENGINEERING AT THE HEART OF INNOVATION

Automated chatbot technology

Freeing up telephone lines to provide quality customer service.



(IN FRENCH)

AVERAGE SALARY
\$130,158

Genium 360, Compensation of engineering professionals in Québec, Investigation report 2024-2025
(genium360.ca/enquête)

PLACE FOR YOU



BACHELOR'S DEGREE IN ROBOTICS ENGINEERING

4 YEARS



ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about robotics engineering and other types of engineering