Discover new horizons for education and research

Robotics represents the fast growing segment of advanced technology used in both education and research.

NAO Evolution is the ideal companion for teaching Robotics as well as STEM (Science, Technology, Engineering, and Math) topics to all levels, from secondary to higher education. By using NAO, teachers and researchers will appreciate and investigate multiple capabilities through this platform.
SECONDARY EDUCATION

Discover algorithmic, boolean logics basics or and object programming
Encourage creativity by designing human-like animations
Understand control laws by analyzing sensors and joint data
Develop projects around NAO’s interaction with its environment

HIGHER EDUCATION

Experience enhanced object and speech recognition capabilities
Explore advanced human-robot interaction
Create complex behaviors by mixing vision, motion and audio
Develop projects such as writing or playing manual games

RESEARCH

Research on human robot interaction / perception and cognition
Research on navigation, localization or locomotion
Create advanced modules by using APIs
Explore new avenues in other cognitive sciences

Let your imagination run wild!
Program your NAO according to your needs

CURRICULA
Experiment new ways to teach with NAO

A comprehensive textbook, made of modules and exercises, recognized as top introduction to robotics. A practical tool for different levels: from secondary school to higher education. A large range of topics as computer science, mathematics, mechanics, matrix, transformation, video, and more!

SDK
Develop incredible behaviors by embedding your modules

A user-friendly and well documented SDK which allows you to embed the modules you developed into your robot to give him more capabilities and intelligence. Our SDK is compatible with many robotics development platforms and languages (C++, Python, Java, MatLab,...)

CHOREGRAPHE
Program impressive behaviors with a simple drag and drop of boxes or complex coding

An advanced software package that makes it intuitive to program NAO using a drag and drop interface, which simplifies the programming for new and advanced users alike.

SIMULATOR - WEBOTS
Testing your design in a 3D workspace

The perfect software to accompany your class or research: interfaced with Choregraphe, it is a safe place to test programs on NAO in a simulated environment before applying them in the real world.
Discover exclusive testimonials

I had students from our nursing and carpentry programs beating down my door for an opportunity to work with NAO. These students were captivated by the humanoid robot in a way that traditional robotics platforms and computer software simply could not duplicate.

Mike Beiter, CS teacher
Central Erie school district, PA, USA

For our research it has proven crucial, that NAO has an appealing design. The cute appearance along with the speech synthesis capabilities allows us to easily initiate conversations and human-robot interactions.

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