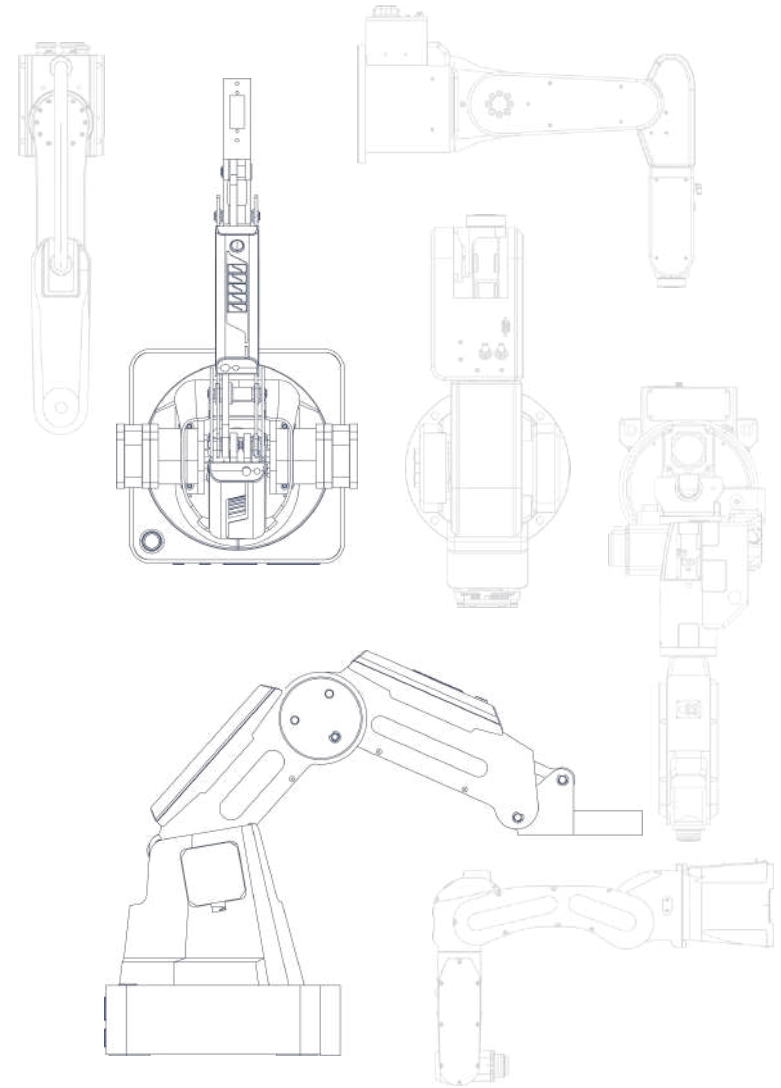# DOBOT Education

Project Cases

Campus Digitalisierung Volkswagen Akademie Hannover

- Cooperative project with German Volkswagen-DOBOT Magician adapts to Siemens PLC system, which is used by German Volkswagen for its teaching production line

- Products: Magician: 20 Set

Escuela De Ingenieria Y Design Industry University In Spain

- Product: Magician 10set

- Currently, the major courses are only offered for junior students with a total of 75 lessons in university.

- Combined with ARDUINO and MATLAB, Magician was applied in electronica digital instrumentation electronic courses.
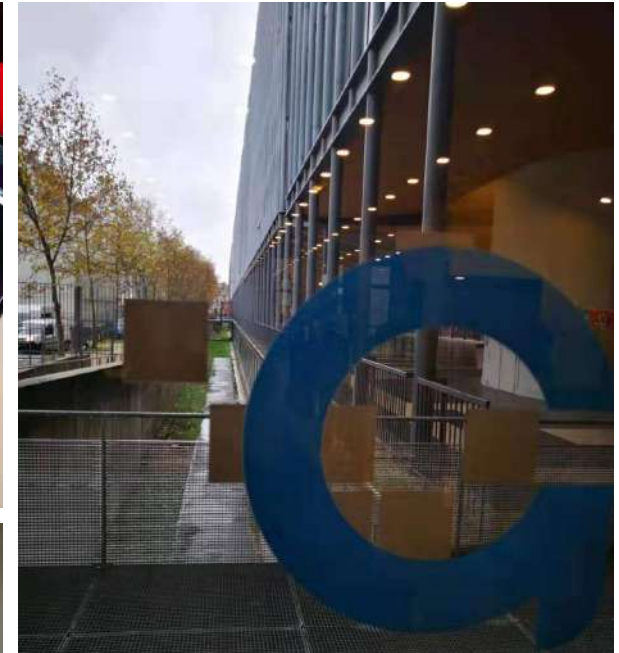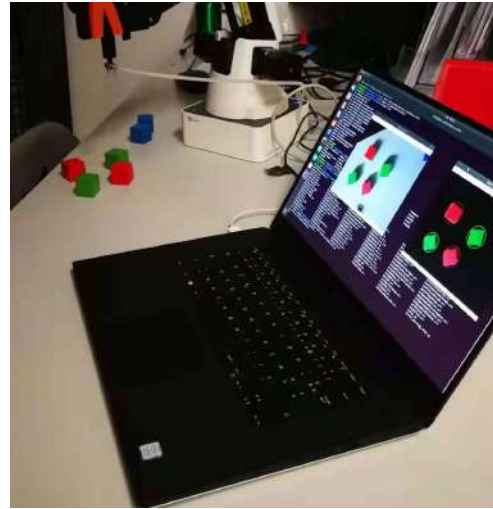
DOBOT

DOBOT

Universidad de Castilla - La Mancha In Toledo ,Span

- Product: Magician : 4 Set

- Combined with ARDUINO ,MATLAB and PYTHON, Magician was applied in mechatronics

POLYTECH UNIVERSITY IN PARIS

- Product : Magician

- Applied to User ROS and Visual Sorting

Oxford University AI Lab

- Product: : Dobot Magician + Conveyor Belt Kit

- Application : AI Lab

- User Cases:

1. Control the Dobot using voice. (NLP)
2. Use image processing to control the movement of Dobot (CNN).
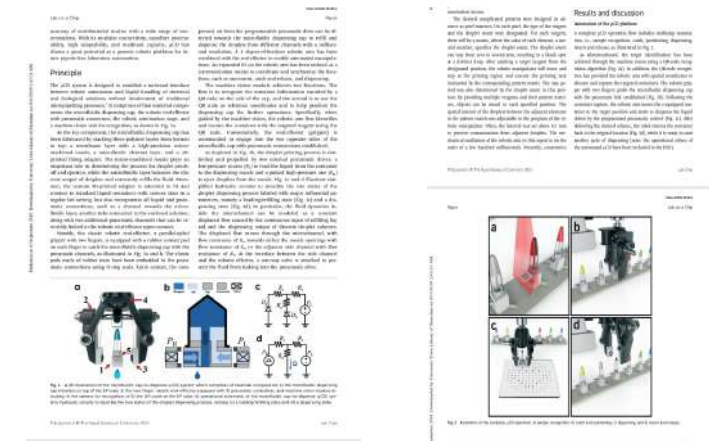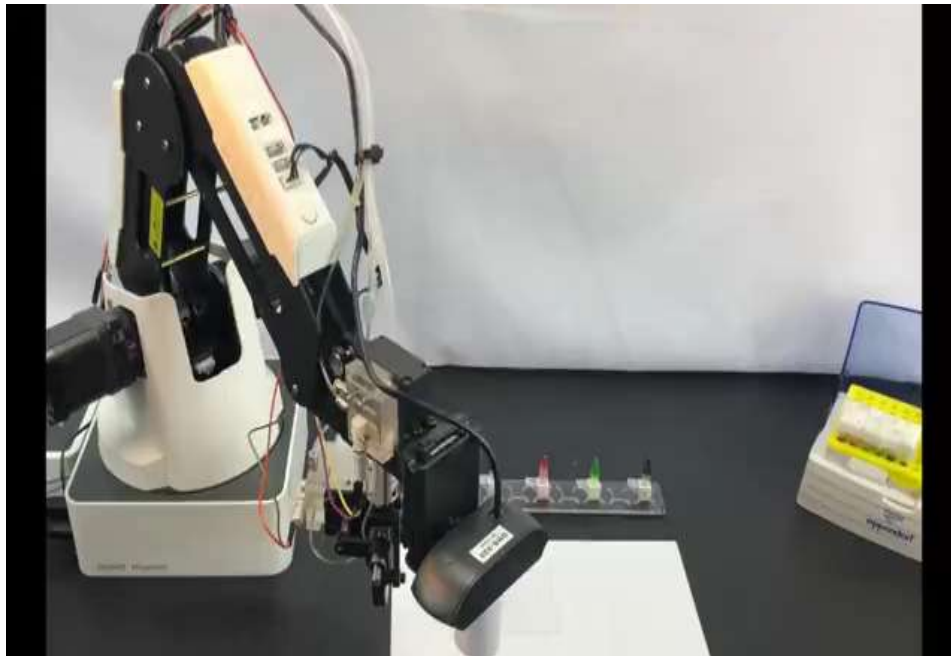
Häme University In Finland

- Senior student of Hame University, used for programming learning and secondary development research to improve students' hands-on ability

- Product :
Magician (Educational):10 Set
Conveyor: 2 Set
Linear Rail Kit: 2 Set
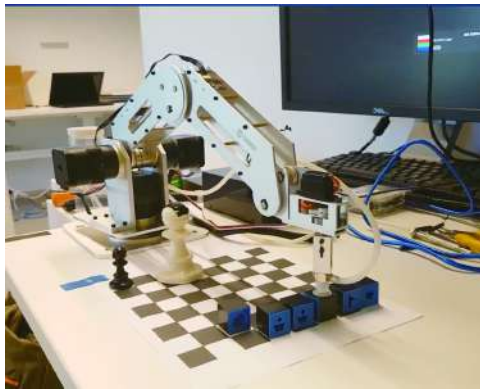
University of California In USA

- Applied to the university of California, Davis, a laboratory, used in biomedical laboratories

- Products : Magician

DOBOT

The University of Technology Sydney In Australia

- Application major: Robotics, Introduction to Industrial Robotics and Underlying Algorithms Mathematics

- Students build their own simulated industrial robot by modelling the robot arm and then writing control and planning software so that it can perform motion tasks.

- Product: Dobot Magician: 20 Set

Bucheon University In Korea

- Magician was used for teaching programming
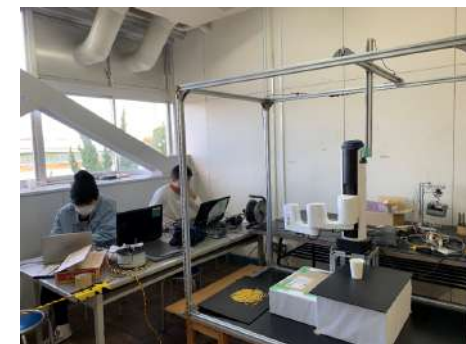
- Products :Magician

Sookmyung Womens University In Korea

- Applied to curriculum concepts and trends

- Product： Magician 6 Set

Osaka Prefecture University In Japan

- Osaka prefectural university, Japan, joined hands with Yuejiang technology to introduce Yuejiang DOBOT desktop modular robot , M1 cooperative robot and its accessories for teachers and students to conduct teaching and research, creating a professional learning platform for students to learn robot technology and its application. The research contents mainly include:

    1. Handling of soft objects;

    2. Grab and move the paper cup without breaking it;

    3. Move and move eggs without breaking hard-boiled eggs;

    4. Transfer the pasta like rope by set weight

- Product : Dobot M1 4set

DOBOT

King Mongkut's Institute of Technology Ladkrabang In Thailand

- It is applied to Robotics, PLC, Automation, Labview and other robot teaching in College of Advanced Manufacturing Innovation
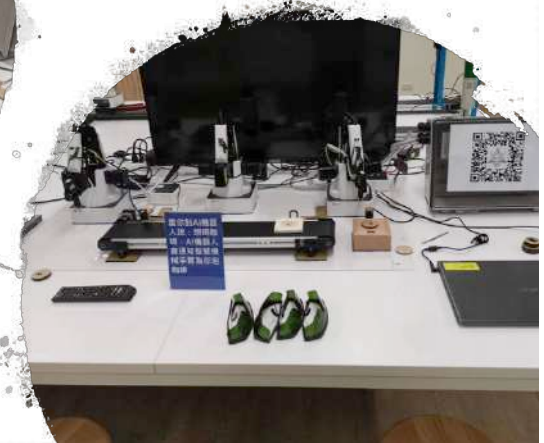
- Product :
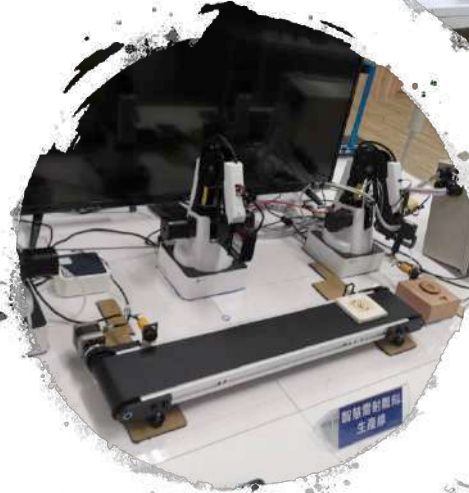Dobot magician : 20 Set
M1 : 14 Set

DOBOT

Nakornratchasrima Technical College In Thailand

- Applied to Mechatronic Department course

- Product :
Dobot Magician : 10
Conveyer : 1
Linear : 1
M1 and table : 1
Computer (table and chair) : 10

DOBOT

Private Hsinchu Senior Industrial Vocational School In Taiwan

- Applied to teach Robotics and Mechatronics

- 15pcs of Dobot Magician

National United University In Taiwan

• Teachers and Students use Dobot M1 for research, machine vision and industrial applications

• Product: Dobot M1