Make The Future Brighter Through Robotics Education

Younghoon (Jay) Son
jay.son@luxrobo.com
LUXROBO Philosophy

MISSION

Make the future brighter through robotics

PROMISE

Much the same as connecting modules with different functions to one another, we can create an innovative world from new interactions when different people are connected together.
"My dream when I was young was to build a Mars rover. Having made robots in pursuit of that dream, today I am running a startup called Luxrobo. Luxrobo is a combination of the words lux (unit of light) and robot. This symbolizes LUXROBO's aspiration to make the future smarter and brighter through robotics.

I always wanted more students all around the world to learn robot mechanism and coding much easier to uncover and dedicate their capability to the world. MODI is a modular robot that allows young students to make anything they want. Children can naturally learn how a robot works as well as basic science and coding, while having fun playing with the toolkit. Small MODI, which can make a big difference in children's futures, has been adopted by educational institutions in 50 countries around the world, including the Busan Metropolitan City Office of Education as a software toolkit. With MODI, we are contributing to realistic software education and unleashing children’s potential."
How We Do For Coding Education

**Student Education**
- **Recipient**: Students
- **Time**: 1 to 80 hours
- We provide software education curricula and education services from professional lecturers for a new future.

**Corporate Education**
- **Recipient**: Ordinary people
- **Time**: 8 to 24 hours
- We provide software education services suitable to nurture future talents required in companies.

**CEO Lecture**
- **Recipient**: Students, ordinary people
- **Time**: 1 hour and 30 minutes
- This is a special lecture for future education and startups delivered by the CEO of a leading Korean startup selected in Forbes 30 Under 30 Asia.

**Talent Donation**
- Luxrobo’s versatile members are providing new experiences to children who are dreaming of the future.

**Overseas Training**
- We are providing coding education and training with many educational institutions around the world which are preparing for future education.

**Volunteering**
- Luxrobo’s employees are providing diverse experience education to vulnerable groups in education.
Building Global Partnership & Network
Improve STEM Education Environment in Kenya

Details

- Field trip to Kenya in Jun. 2019
- To support coding education for public schools and students in marginalized group for education
- More economic way to educate coding with MODI 2; planned to release in 2H 2020
- Will come with curriculums
Support Coding Education at School

**Class Kit Program**

- **Use**: 4 Students
- **Target Group**: School (K-12)
- **Category**: Coding

**Coding Curriculum Example**

**Educational Goal**

- A premium curriculum with condensed learning objectives which deliver from the basic coding grammars to the advanced level
- Individual or Team missions growing the problem solving ability
Better Support for Students to Learn Computational Thinking

MODI 2

Features

• Planned to launch in 2H 2020
• More economic
• New modules with new features
• Advanced functions (ex. AI)
• Comes with advanced curriculum
• Maintain compatibility with LEGO
Closing

We Will Create a World Where We Can Code Our Dreams.
THANK YOU