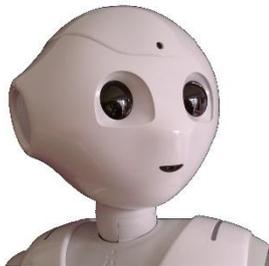


Robot App Programming Course

No Fun, No Gain. Welcome to the programming world!



Shaping “Fun”

Robot app programming course for junior high school students

We support planning and management robot app programming course for junior high school students.

Students plan, discuss, and present how to product “Only one robot app in the world” through workshops to improve their ability to create and program.

Course summary

Target

Junior high school students (not necessary to experience programming)

Number of lectures

4 times in all (each lecture is 90min)

Lecture fees

150,000yen (plus tax)

*This price does not include carrying costs, facilities expenses, trip expenses(transportation fees, accommodation expenses).

Things to bring

Please bring your own PC.

*We have rental PC.

Ex.) 6,000yen/month, per PC
(suppose 4 lectures/month)

*Recommended environment

Hardware:

- PC connected to WiFi access point
- 1.5 GHz CPU
- 512MB RAM
- Certified OpenGL graphics card

Supported OS:

- Linux : Ubuntu 12.04 LTS (Precise) or later
- Windows : Microsoft Windows 7, Windows 8
- Mac : Mac OS X ver. 10.7.1 LionMac OS X ver. 10.8.3 Mountain Lion

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Course summary

To product basic robot application and to present

Effects

Through this lectures, students can acquire the following knowledges:

- Basic programming knowledge
- Basic knowledge about the emotional robot

First day

1. What is robot?
2. How to install and use Choregraphe
3. How to pose a robot
 - to operate each part by Robot view
 - to store posing
 - to connect posings to make movement
4. How to make robot talk
5. To use touch sensors

Second day

1. Let' s talk to robots
2. How to playback a sound
 - Demonstration (Tai chi)
 - Lecture about how to play
3. To use touch panels (First half)
 - How to display pictures (directry • image size)
 - How to play video (file type • file size)

Third day

1. To use touch panels (second half)
 - How to display pictures by HTML
2. How to make a touch panel link to a robot
3. Let' s think of your product

Fourth day

1. Work on product
2. Presentation

Contact

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