An Intelligent Cloud Teacher for Unmanned Robotic Online Laboratory

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Al Based Cloud Teacher Development



- Especially under COVID19, individual student-instructor interactivity becomes increasingly difficult.
- A text-based conversational agent (cloud teacher) is developed by utilizing artificial intelligent tools.
- It can understand and answer the questions from students in Arduino programming for making robots.

function.

how to create the

function?





Personalized education: Based on Big Data
Analysis on the students' historical questions,
prescribed teaching and quizzes can be provided.

Feedback: Students Love It!

Do not know Disagree

Agree



Do not know

Agree



It was of great pleasure for me to learn and study with the cloud teacher.

I found my learning in

The cloud teacher helps me in understanding functions of Arduino.

Disagree

Do not know

Agree

The unmanned online lab provides an effective way to build robots.

Overall, I like the learning experience with the cloud teacher.

The cloud teacher makes my study

easier and more interesting.

Arduino programming quite easy with the help of the cloud teacher.



Life is much easier with the instructions provided by the cloud teacher.

Learning in the online lab is very impressive.



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