





ABSTRACT

The main idea behind our platform is to make education more effective and more adapted to the technologies.

The chatbot is available 24/7, and provides help for our students whenever they need it.

CONTACT

Learn By Bot
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Learn By Bot

A simple platform and mobile app to help your students in computer science.

INTRODUCTION

In the epidemic conditions, it was necessary to rely on distance learning to be safe and to minimize the risk of being infected.

Online meetings and Classrooms... are good practices to help with this, but they are not enough.

Students always need to ask questions and help from their teachers and it is not easy to manage.

So what is the best pedagogical practice to minimize teacher effort and provide help to learners whenever they need it? And how to make it work?

In this document, we try to produce a didactic resource for the students in order to make the distance learning process simpler and more effective. It is a chatbot assistant.

A chatbot is software that simulates human-like conversations with users via text messages on chat. Its key task is to help users by providing answers to their questions.

METHODS AND MATERIALS

TensorFlow

django

⊗React

HEROKU

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? python™

{REST:API}

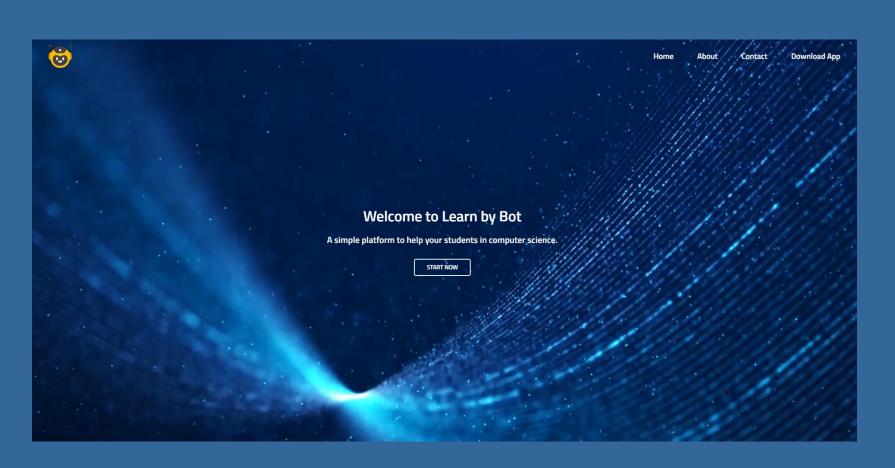
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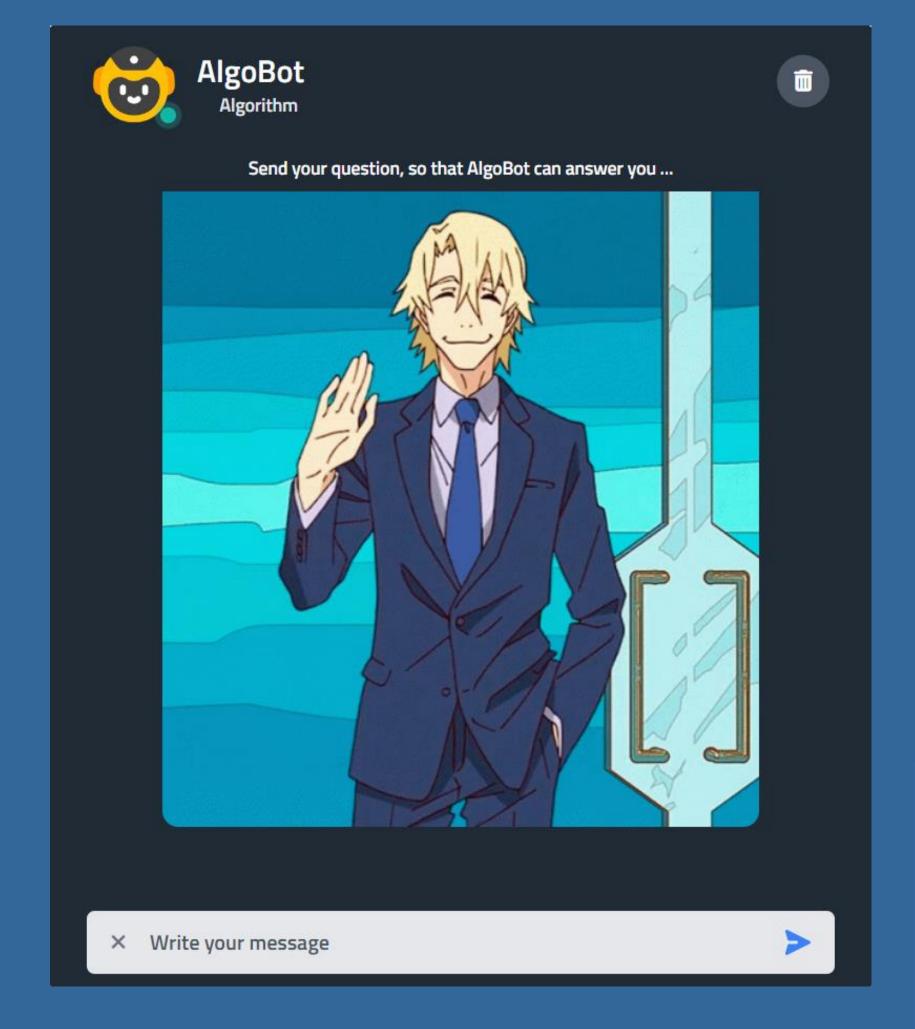
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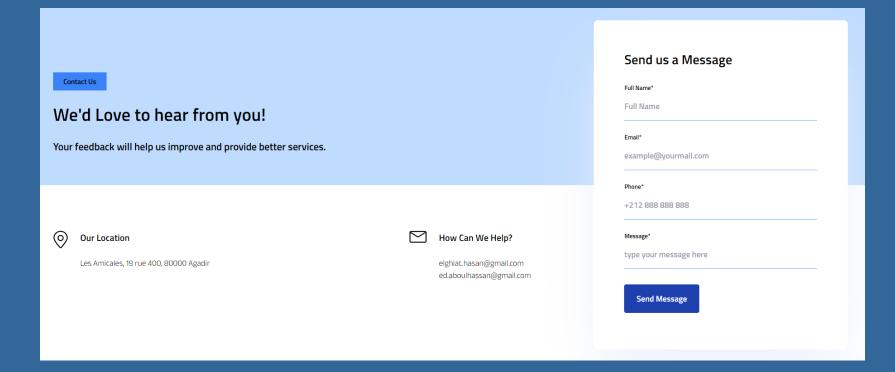
RESULTS

The most important function of chatbots is their ability to identify user intent. From this identification, the chatbot extracts the relevant data from the request.

However, if you fail to understand the user's request, you will not be able to give the correct answer.







DISCUSSION

It is increasingly common for students at all grade levels to use some sort of messaging service to communicate with each other and, sometimes, with their teachers.

These are standard features in platforms such as Google Classrooms and other classroom management systems, and enable an exchange that is fundamentally about asking questions and getting answers that facilitate the learning process by outside the classroom.

Similarly, more and more MOOCs and other online courses incorporate access to forums and communication systems that allow consultation and discussion of issues with teachers and other colleagues.

Using chatbots, this process could be replicated on a large scale, generating channels where students could discuss any topic with an "expert," ask questions, and draw conclusions that would improve their understanding of different topics.

Focused on the communication management model to detect problems and produce the right answers to the student.

This will help learners in their learning, familiarize yourself with technologies, direct learners to the correct information.

CONCLUSIONS

A chatbot is always available to serve your students 24/7. It can save you a lot of time by automating repetitive tasks like answering questions of your students and provide resources. By offering instantly response to your students, your class will build trust and boost their motivation.



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