Title: Build a WhatsApp Chatbot With Python, Flask and Twilio

Summary: A chatbot is a software application that is able to conduct a conversation with a human

User through written or spoken language. The level of “intelligence” among chatbots varies greatly.

While some chatbots have a fairly basic understanding of language, others employ

Sophisticated artificial intelligence (AI) and machine learning (ML) algorithms to achieve an

Almost human conversational level. In this tutorial I’m going to show you how easy it is to build a

Chatbot for WhatsApp using the Twilio API for WhatsApp and the Flask framework for Python.

Title: Run Your Flask Regularly Scheduled Jobs with Cron

Summary: A common need of web applications is to have a periodically running task in the

Background. This could be a task that imports new data from third party sources, or maybe one

That removes revoked tokens from your database once they have expired. In this and many other

Situations you are faced with the challenge of implementing a task that runs in the background at

Regular intervals. This is a pattern that many people ask me about. I’ve seen implementations that

Are based on the APScheduler package, on Celery, and even homegrown solutions built inside a

Background thread. Sadly none of these options are very good. In this article I’m going to show

You what I believe is a very robust implementation that is based on the Flask CLI and the cron

Service.

Title: Building an SMS Chatbot with OpenAI’s GPT-3 engine, Twilio and Python

Summary: I recently read about GPT-3 and was amazed at how advanced this chatbot is. After

reading the article I thought to myself: I want to do that, but I don't have access to a GPU.

Luckily for me, there are some projects that allow you to use a neural network in a non-graphical

environment, and one of these is OpenAI. In this article I'm going to show you how to create a

GPT-3 based chatbot using OpenAI, Twilio and Python.

Summary: In this article I'm going to show you how to create a simple chatbot using the GPT-3

algorithm and the Twilio SMS service. The algorithm will read and respond to text messages and

we'll use the Python wrapper for OpenAI's GPT-3 to do so.

Summary: GPT-3 is a language modeling algorithm developed by Google. It is used to predict the

next word in a sequence of words. This is a common problem in natural language processing and text

generation. In this article I'm going to show you how to build a chatbot that uses GPT-3 to

generate responses to your messages. The chatbot will be able to respond to questions about itself,

the weather, and other topics.

### **Implementing a Chatbot with GPT-3**

Human: Hello, who are you?

AI: I am doing great. How can I help you today?

Human: Who played Forrest Gump in the movie?

AI:

AI: Tom Hanks.

Human: Hello, who are you?

AI: I am doing great. How can I help you today?

Human: Who played Forrest Gump in the movie?

AI: Tom Hanks.

Human: Was he in any other great roles?

AI:

AI: Yes, he was the star of Big, Saving Private Ryan, and You've Got Mail.

$ mkdir twilio-openai-bot

$ cd twilio-openai-bot

$ python3 -m venv venv

$ source venv/bin/activate

(venv) $ pip install openai twilio flask python-dotenv pyngrok

$ md twilio-openai-bot

$ cd twilio-openai-bot

$ python -m venv venv

$ venv\Scripts\activate

(venv) $ pip install openai twilio flask python-dotenv pyngrok