

# Can Chatbots Become Human-Like?



🕒 READ TIME: 2 MINS

👥 AUDIENCE: BUSINESS & TECHNOLOGY

ChatGPT is a large language model developed by OpenAI. ChatGPT is capable of generating human-like text responses to a variety of user inputs. The language model has been trained on large amounts of data and uses sophisticated algorithms to understand and generate natural language responses.

Since its release in early 2020, the Application Programming Interface (API) has undergone several improvements and updates. The most recent API documentation update allows developers to integrate ChatGPT into their own applications. The documentation provides a comprehensive overview of the API, including instructions for how to use it, information on the different endpoints available, and details on how to authenticate and make requests.

## CHATGPT'S NEW FEATURES

### Real-time response generation:

Responses are created in real time, ideal for use in chatbots, virtual assistants and other chat based applications.

**Multiple Endpoints:** The API allows different URL's to send and receive requests for different tasks. Each endpoint allows the developer to tailor natural language generation to their use

case by providing specific parameters and configuration options.

**Adaptive Learning:** Improvements in learning from user interactions.

**Customisation:** Allows developers to control length and style of generated text. This can be a great tool for content generation to match the brand voice and organisation for example, when creating articles or product descriptions.

**High Accuracy:** ChatGPT is one of the most advanced Natural Language Processing (NLP) generation models available.

**Comprehensive Documentation:** The API documentation is easy to read and understand with instructions and examples for each endpoint.

## Human-Like Chatbots

### WHAT ARE CHATGPT'S USES?

More information on the API documentation can be found here <https://openai.com/product#made-for-developers>.

The new API documentation's main takeaway is the opportunity for developers to use it in their own programs to create exciting new, human like conversations whether it is creating automated emails or producing marketing campaigns.

```
31
32 self.file = None
33 self.fingerprints = set()
34 self.logdupes = True
35 self.debug = debug
36 self.logger = logging.getLogger(__name__)
37 if path:
38     self.file = open(os.path.join(path, "requests.log"),
39                     "a")
40     self.fingerprints.add(path)
41
42 @classmethod
43 def from_settings(cls, settings):
44     debug = settings.DEBUG
45     return cls.from_settings(settings, debug)
46
47 def request_seen(self, request):
48     fp = self.request_fingerprint(request)
49     if fp in self.fingerprints:
50         return True
51     self.fingerprints.add(fp)
52     if self.file:
53         self.file.write(fp + os.linesep)
54
55 def request_fingerprint(self, request):
56     return request_fingerprint(request)
```

### ABOUT THE AUTHOR

## Alina Butt

My name is Alina Butt. I studied Computer Science at the University of Kent. During my time at university my interest in Artificial Intelligence and Chatbots grew, which led me to write my dissertation on the impact chatbots might have in our future. I think the advancements of AI and bots will change the way we interact with technology quicker than ever before.

