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#3 – Let ChatGPT Program Your Own AI Voice Assistant Without Coding:

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1. Browse to OpenAI ChatGPT

2. Start a new ChatGPT session and select the GPT-4 model*

If you are using the free GPT-3.5 version, the example will eventually work but you may need to try this ten times to get it right one time. Therefore, I suggest using GPT-4.

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3. Run this following prompt:

I am writing a messaging web page for my own use and need an example single html page in javascript where I can have a conversation with chatgpt chat api. Provide me first only the html file; I will ask for the js file later. Below is more information. 1) I want to dictate my message with speech-to-text, edit it if necessary and then click a button to send it. 2) I want to hear the messages I receive as audio. 3) Have the javascript in a separate file called "chatgpt.js". 4) Keep the css in the html file. 5) WebSpeechAPI provides the speech-to-text and the text-to-speech functionality. 6) Use Tailwind to style the page futuristic from the latest api at https://unpkg.com/tailwindcss@^1.0/dist/tailwind.min.css. Make the text color always contrasting on background. 7) Openapi chat api is at https://api.openai.com/v1/chat/completions and the model is gpt-3.5-turbo. The endpoint requires a "messages" parameter instead of the "prompt". An example of a conversation between user and assistant is here: messages=[{"role": "system", "content": "You are a helpful assistant."}, {"role": "user", "content": "Who won the world series in 2020?"}, {"role": "assistant", "content": "The Los Angeles Dodgers won the World Series in 2020."},] 8) I want to see any error messages on the page.

4. Rerun in a new session if ChatGPT brakes

5. Copy the HTML code from ChatGPT and paste it into a new HTML file named index.html

6. Run this prompt on ChatGPT:

provide the js file that works for the html page you provided

7. If ChatGPT brakes go to the 1st step in a new session

8. Copy the JS code from ChatGPT and paste it into a file named chatgpt.js file

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9. Get your OpenAI API key[1]

10. Find and replace the YOUR_API_KEY[2] placeholder in the HTML with the API key

[1] If you don't know how to get your OpenAI API KEY either ask ChatGPT or search for "How to get my OpenAI API key" on the web.

[2] More often than not chatGPT will use YOUR_API_KEY but it can also use any arbitrary placeholder name. Below are some examples. Replace the highlighted text:

… = "<YOUR_API_KEY>";
… = "YOUR_API_KEY";
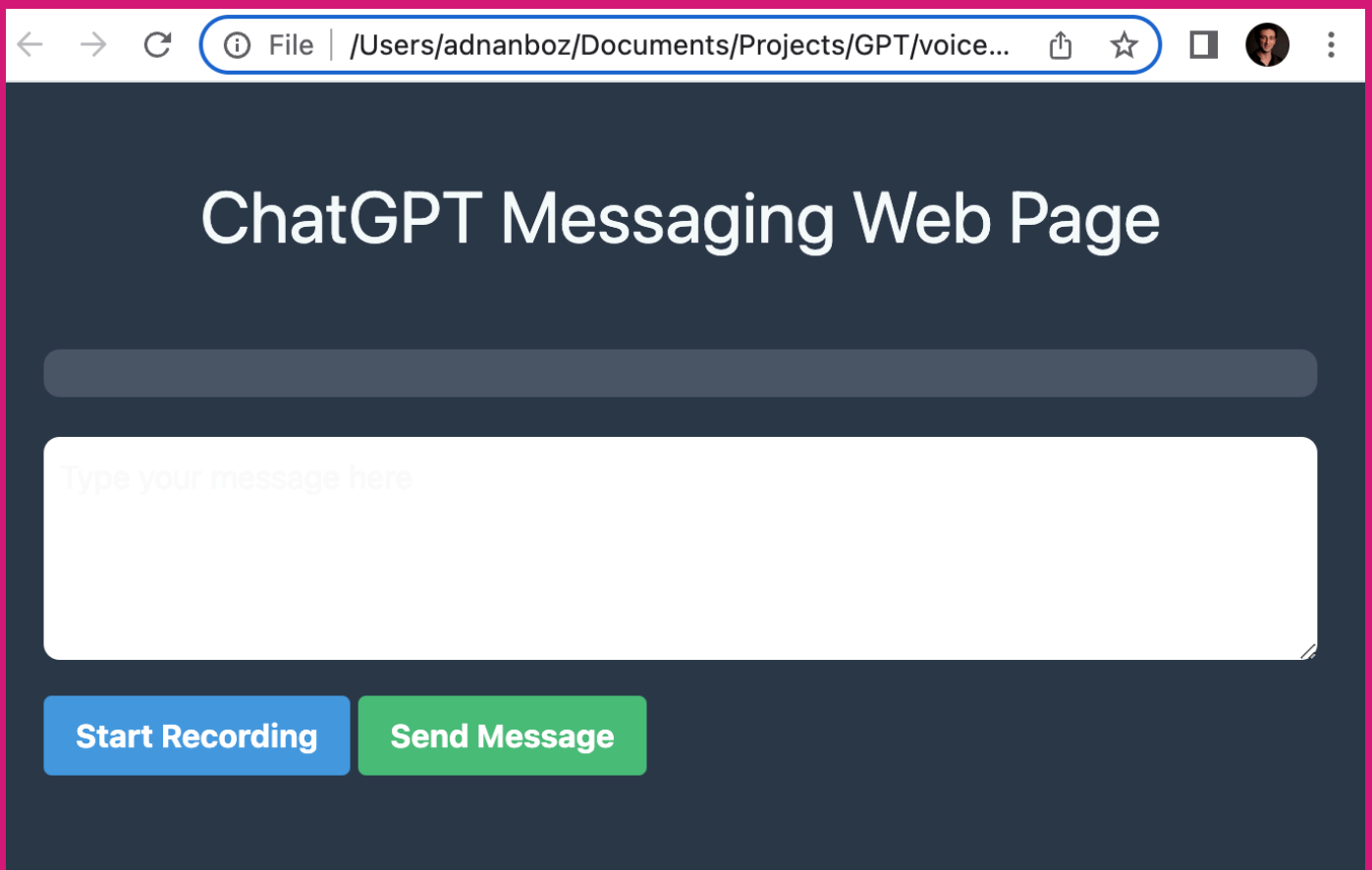… = "API_KEY";
…"Bearer PASTE_YOUR_API_KEY"

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11. Open index.html in your web browser. You should see something close to the screen below, but not exactly the same:

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12. Click the button that is for recording*

13. Approve the audio recording permission when your browser asks for it

14. Say something, verify the text and click send

* If anything does not work from this point forward then go back to the first step in a new ChatGPT session. There is always a chance for a bug, therefore instead of going into debugging it is easier to regenerate the code.

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15. Listen to the response audio and keep chatting like seen on the screenshot below

ChatGPT Messaging Web Page

Hi how are you

As an AI language model, I do not have emotions but I am always ready to assist you with any tasks or questions you have. How may I assist you today?

what time is it in New York when it is 3:00 p.m. in San Francisco

When it is 3:00 p.m. in San Francisco, it is 6:00 p.m. in New York. The time difference between San Francisco and New York is three hours.

Type your message...

Speech to Text

Send Message

Bonus! Try changing the prompt for different styles and functions to create the next Generative AI startup!

Help? IM me for any errors.

Code? Comment to this post to receive my code.

More? Check out my other ChatGPT programming examples.

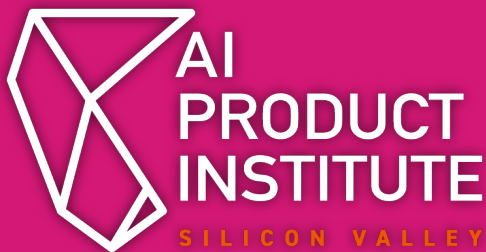*Delete your OpenAI API key from OpenAI once you are done to keep your OpenAI access safe.

For more AI topics follow me on https://www.linkedin.com/in/adnanboz/

Or, join one of my AI programs for product managers and business professionals at

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