

G is Good

Description:

Hi 🤝

My name is (R*****) and my best friend is (J***), we are from the United States. And my best friend always travels with me.

Also, my best friend enjoys hiding secret messages in the internet!

BTW, we only use Google products and we don't use any site that doesn't belong to Google... LITERALLY! 😊

For any questions regarding my friend secret messages, please don't contact me at:

i.am.not.richard.roe@gmail.com

Notes:

- This challenge is not guessy.
- Focus on the description.
- Focus on everything you get.

G is Good

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Hi 🤝 My name is (R.....) and my best friend is (J...), we are from the United States. And my best friend always travels with me. Also, my best friend enjoys hiding secret messages in the internet! BTW, we only use Google products and we don't use any site that doesn't belong to Google... LITERALLY! 😊 For any questions regarding my friend secret messages, please don't contact me at:
i.am.not.richard.roe@gmail.com

Flag Format: FwordCTF{}

author: Cyb3rDoctor

Solution:

According to the description, R***** and his friend **only use Google products**. Also, we have an email address in the description.

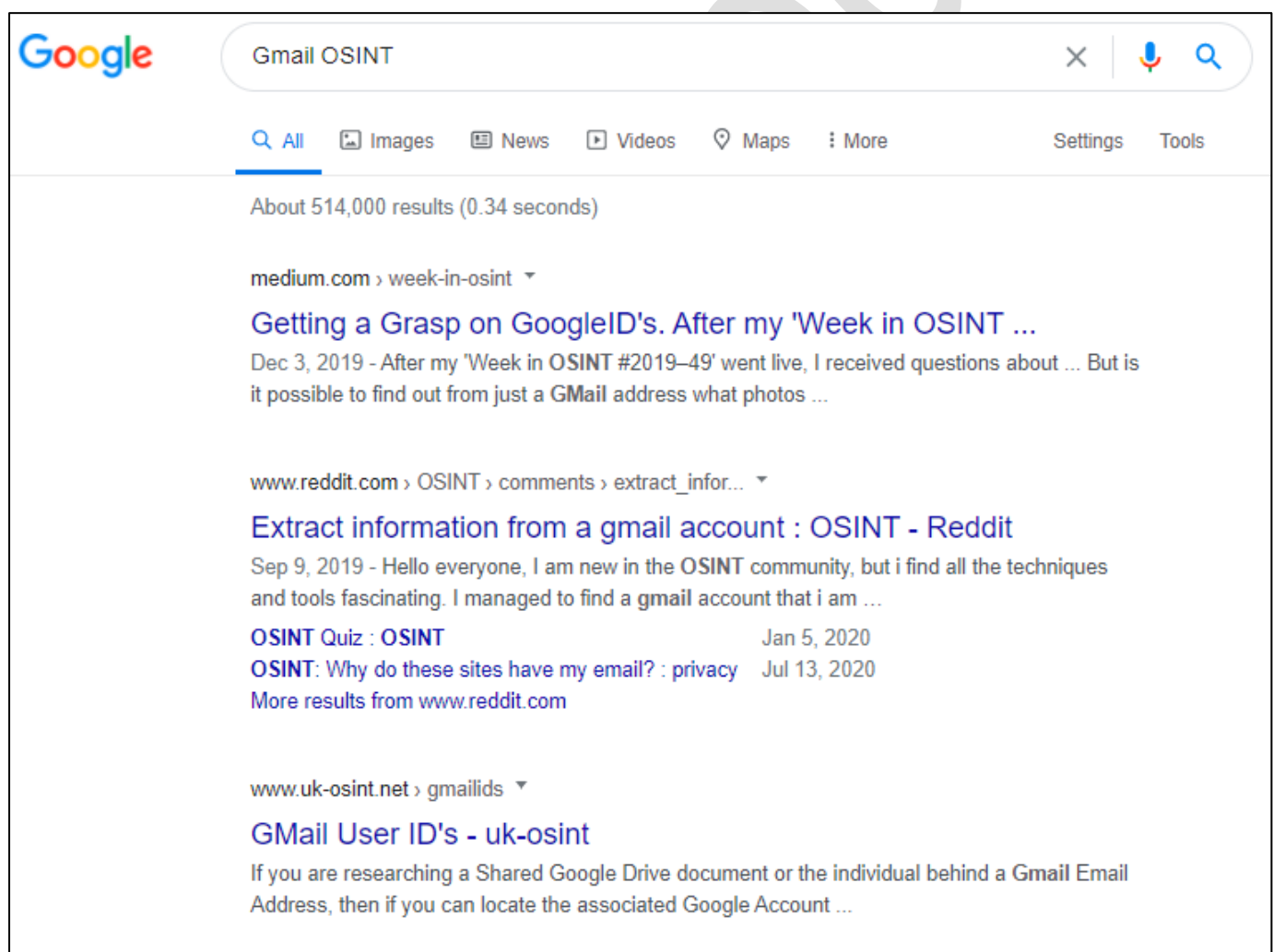
...

You **won't** get anything if you send anything to the email address.

...

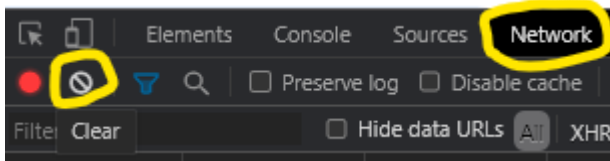
The idea of the first step is getting the Google ID of that email address.

I know that not everyone knows this, but simple googling will give you the answer.

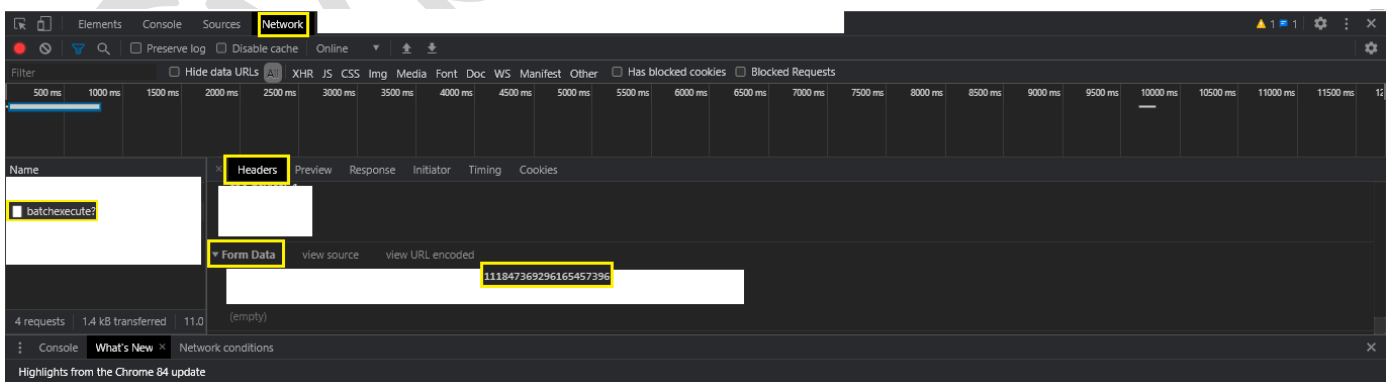


The easiest way to get the Google ID of that email address is by using Google Contacts (<https://contacts.google.com/>)

1. Create a new contact with that email address.
2. Press (F12) to open the inspect element window.
3. Go to the Network tab and clear everything there.



4. When you have a blank network activities screen, go back to the Google Contacts page, and click on the contact.
5. In the network window, we need the packet that begins with **batchexecute**, so click on it to get its contents.
6. Scroll to the bottom of the Headers tab, you will find the field **Form Data**, then you will find the 21-digit Google ID.



So, the Google ID of i.am.not.richard.roe@gmail.com is:

111847369296165457396

Using the Google ID, we can find the **Google Maps Contributions** of that email address.

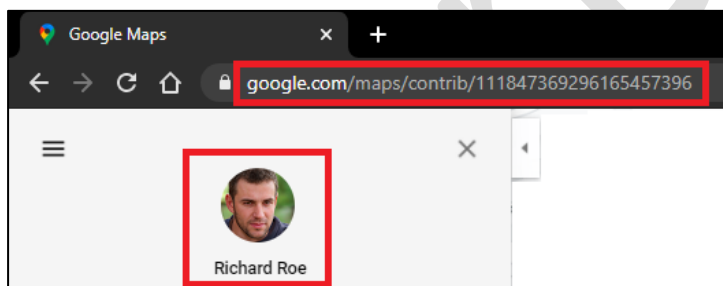
[https://www.google.com/maps/contrib/\(Google ID\)](https://www.google.com/maps/contrib/(Google ID))

So, when you open

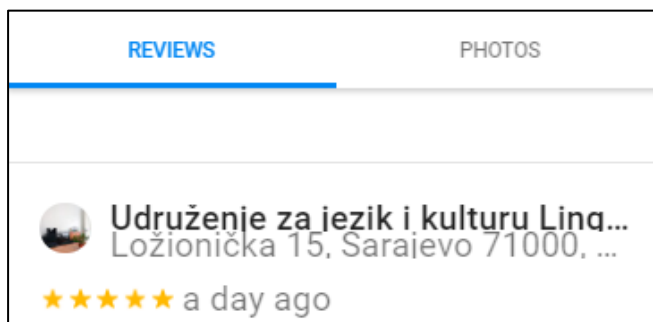
<https://www.google.com/maps/contrib/111847369296165457396>

You will get:

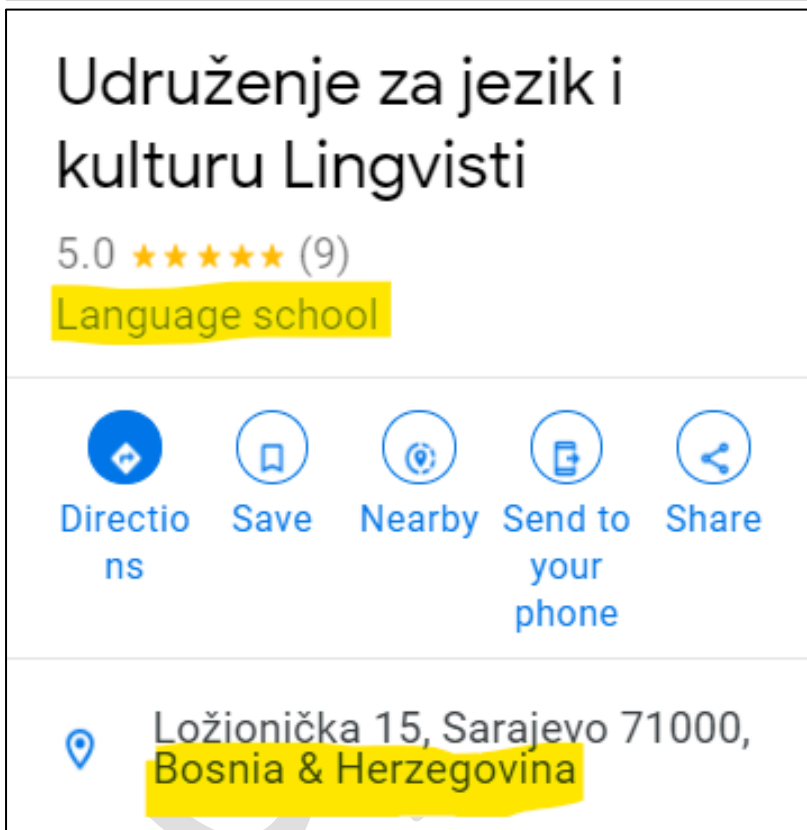
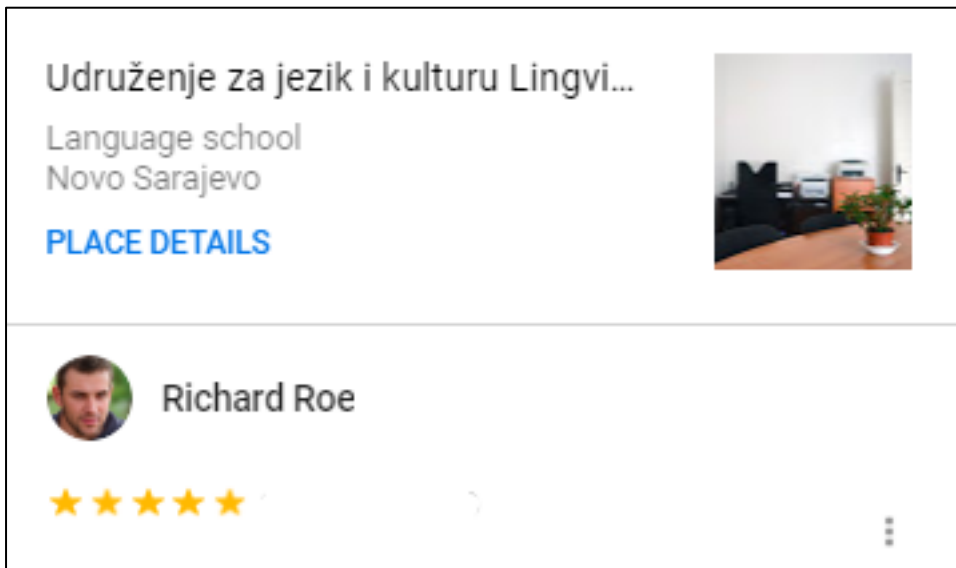
- The name of the owner of that email address. **(Richard Roe)**
(You will need it in the next step)
- The picture of the owner of that email address.
(You will need it in the next step)



- The places reviews that the owner of that email address has written.
(You will need in the last step)



You will see that Richard has 1 contribution. He has rated a **language school** in **Bosnia and Herzegovina**.



Remember:

In OSINT, locations are important.

...

Now, you need to find Richard Roe in another site...

You might think that this step is guessey, **but it's not**, because:

- I have already given you a sentence (in the description) that will reduce your searching scope:

- BTW, we only use Google products and we don't use any site that doesn't belong to Google... LITERALLY! 😊

...

The right place to continue solving this challenge is Youtube.

(Note: YouTube belongs to Google)

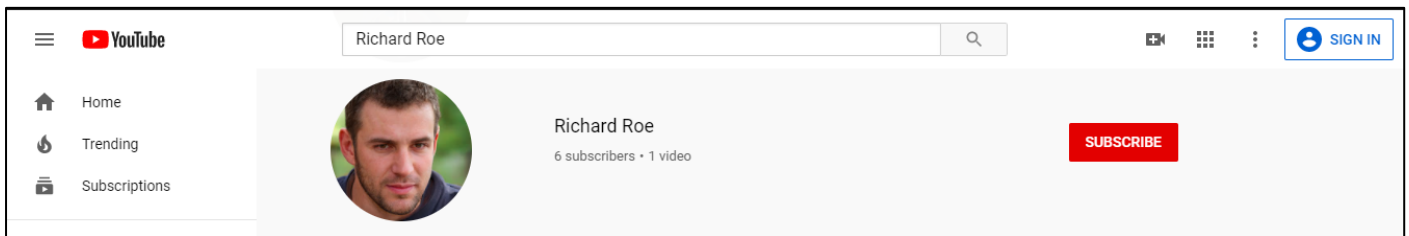
...

I know that you don't know the name of his channel in Youtube, but if you search for his name in Youtube, you will find it.

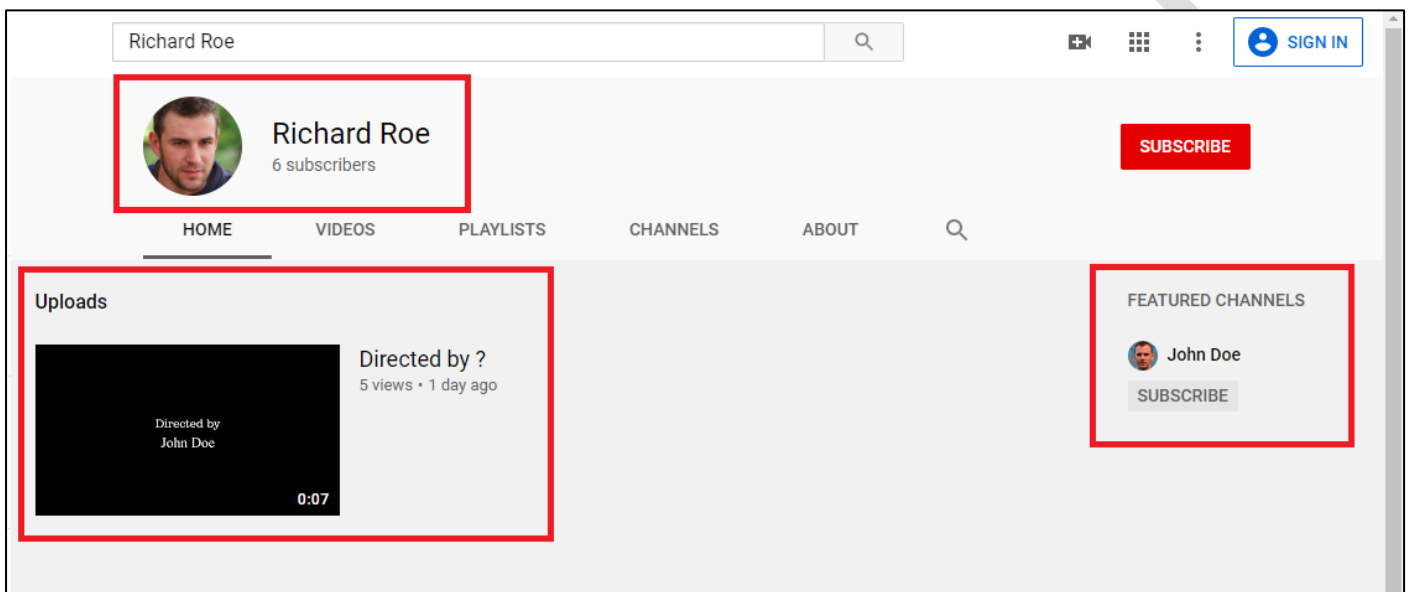
(Don't forget to use search filters)

FILTER				
UPLOAD DATE	TYPE	DURATION	FEATURES	SORT BY
Last hour	Video	Short (< 4 minutes)	Live	Relevance
Today	Channel	Long (> 20 minutes)	4K	Upload date
This week	Playlist		HD	View count
This month	Movie		Subtitles/CC	Rating
This year	Show		Creative Commons	
			360°	
			VR180	
			3D	
			HDR	
			Location	
			Purchased	

So, search for his name and scroll down until you find a channel with his picture that you have already seen in Google Maps.



Open his channel and you will see one uploaded video and one featured channel:



Focus on the featured channel name (**John Doe**)... It is clear that John is his best friend who is mentioned in the challenge description.

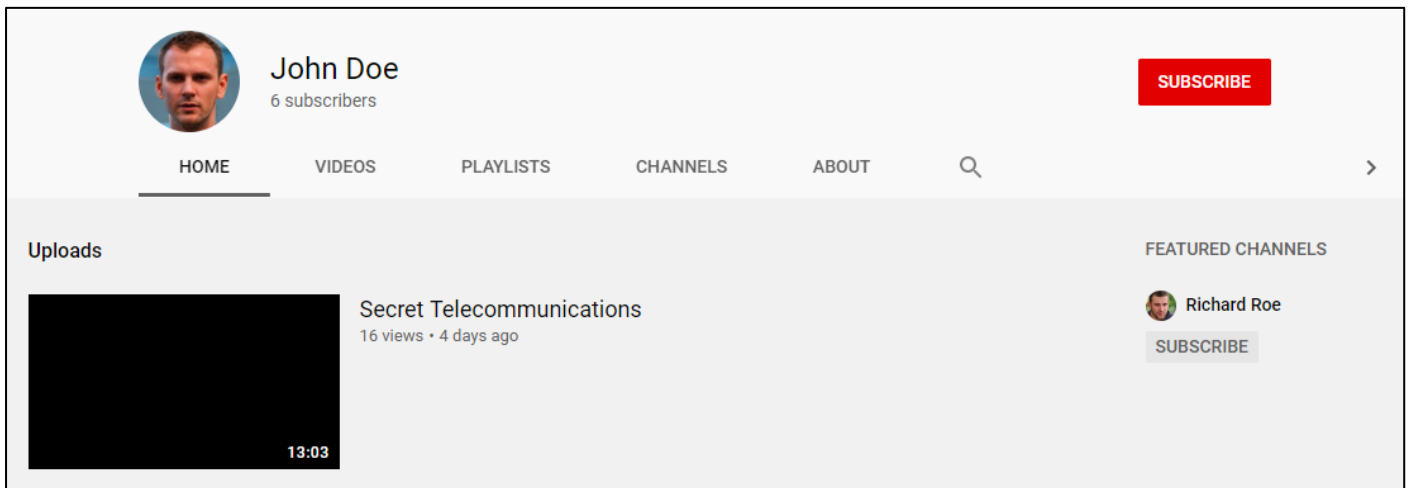
According to the description, John is the person who hides messages:

My best friend enjoys hiding secret messages in the internet!

So, you won't find anything in Richard channel.

You will only need it to find his best friend channel.

Open John's channel, you will find one uploaded video



This video contains a Morse Code that won't give you the flag when you decode it (It's a rabbit hole).

I added this clarification in the video description:

The challenge is not that easy, you missed something, you need to read the description again and focus on every word in it.
Also, the morse code is a rabbit hole.

...

According to the description, John always travels with Richard.

And my best friend always travels with me.

And you already have a location...

(remember the Google Maps review).

That place was a language school in **Bosnia and Herzegovina**.

So, they might have been learning a foreign language, and that language may be **Bosanski** because they were in **Bosnia and Herzegovina**.

...

You are now in the last step of this challenge: Getting the Flag.

...

To get the flag you need to find a relationship between everything you have got!

(Youtube + Bosnia and Herzegovina + Languages + Hiding messages)

...

One of the best things in youtube is that you can translate your videos titles and descriptions.

Translate your own video titles & descriptions

You can add translated video titles and descriptions to your videos so your fans can find your videos in their own language. Translating your videos makes them more accessible to viewers outside of your home country/region and helps you build a global audience.

...

1. Go to the video in John's channel (because he hides the messages)
2. Change the Youtube language to **Bosanski** (because they have gone to language school in **Bosnia and Herzegovina**)
3. You will find the flag in the description of that video.

FwordCTF{!!!_fLaGzZzZz_c4N_B3_hiDDeN_in_Y0uTub3_!!!}

FwordCTF{!!!_fLaGzZzZz_c4N_B3_hiDDeN_in_Y0uTub3_!!!}