



## Hackday - Writeup - My runaway daughter

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## Instruction

Dear earth friends,

I am currently in space and I am facing a very worrying situation. My daughter has run away from our home in Paris, on Earth. My wife told me that she has not heard from her for 24 hours and think that my daughter has gone to join a boy.

I am asking for your help to find her. If you have any information on the various cities she may have passed through, please pass it on to me through the intergalactic transponder. I need to know where she is so that I can bring her back safely on board the spaceship.

I count on you for your precious help in this difficult situation.

Kind regards,

Commander Rufuberos

Technical information (Off-Roleplay):

- My Facebook profile : <https://www.facebook.com/profile.php?id=100091337773211>
- My daughter's Facebook profile: <https://www.facebook.com/profile.php?id=100090228466712>
- The cities where my daughter went are encoded in base64, it will be necessary to decode them to form the Flag
- There is only one city whose Flag is not encoded in base64, it will be specified in the publication of my daughter (it is necessary to put a capital letter to the first letter of the city)
- Each flag must be formed like this : HACKDAY{P@r1s}

## Part 0 - Instruction

Father profile :

<https://www.facebook.com/profile.php?id=100091337773211>

## Part 1 - Facebook

### Flag 1 - Facebook Marketplace

#### Prerequisite

```
# Link to Julie Rufuberos' Facebook profile  
https://www.facebook.com/profile.php?id=100090228466712
```

#### Method

```
# https://github.com/Eriys/SellerFB (Outdated)  
Payload : https://www.facebook.com/marketplace/profile/<User ID>  
https://www.facebook.com/marketplace/profile/100090228466712
```



## Julie Rufuberos

Suivre

Voir le profil

Signaler

### À propos

A rejoint Facebook en 2023

### annonces de Julie

Q Recherchez des annonces

Disponible et en stock ▾

Trier par ▾



45 €

Vends Enceinte  
Bluetooth - Urgent!  
Orléans, Centre-Val de Lo...

Link to article :

[https://www.facebook.com/marketplace/item/1230050071220594/?ref=marketplace\\_profile&referral\\_code=undefined](https://www.facebook.com/marketplace/item/1230050071220594/?ref=marketplace_profile&referral_code=undefined)

### Flag

```
$ echo 'T3Jsw6lhbnM' | base64 --decode  
Orléans
```

## Part 2 - LinkedIn

### Prerequisite

```
Daughter name :  
Julie Rufuberos
```

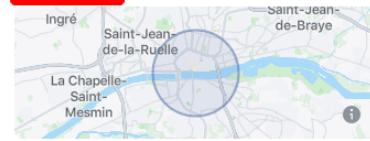
### Enumeration

Google search

Merci!

⚠ Cette annonce est fausse et fait partie d'un challenge informatique. ⚡

T3Jsw6lhbnM



Orléans, Centre-Val de Loire

La localisation est approximative

Informations sur le vendeur

Informations sur le vend



Julie Rufuberos

f A rejoint Facebook en 2023



Tous Images Vidéos Actualités Shopping Plus Outils

10 résultats (0,23 secondes)

 [LinkedIn](https://fr.linkedin.com/in/julie-rufuberos-581104267)  
https://fr.linkedin.com/in/julie-rufuberos-581104267

### Julie Rufuberos - Développeur Freelance - Julie Rufuberos

Paris, Île-de-France, France · Développeur Freelance · Julie Rufuberos

Je suis une étudiante au lycée passionnée de développement informatique et de projets créatifs.

Depuis plus de trois ans, j'ai travaillé en freelance sur ...

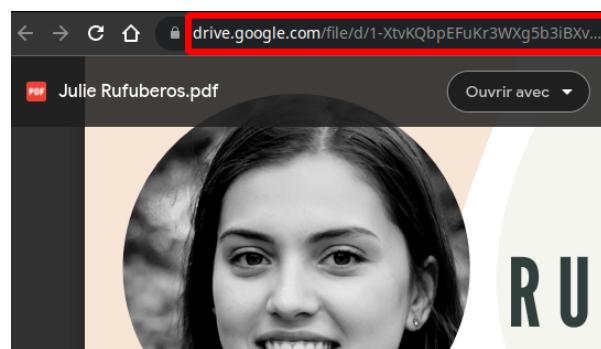
#### LinkedIn enumeration

Path : <https://www.linkedin.com/in/julie-rufuberos-581104267/> > Julie's Activity > Posts > Publication with Julie's CV

suivante : <https://lnkd.in/eU9R3U6>

Merci de m'avoir lue et à bientôt j'espère !

[See translation](#)



Link to CV :

<https://drive.google.com/file/d/1-XtvKQbpEFuKr3WXg5b3iBXv1NXGC0M1/view>

## Part 3 - Google

### Prerequisite

```
# Google drive link
https://drive.google.com/file/d/1-XtvKQbpEFuKr3WXg5b3iBXv1NXGC0M1/view
```

### Enumeration 1/2

#### GHunt

```
# https://github.com/mxrch/GHunt
$ ghunt drive 1-XtvKQbpEFuKr3WXg5b3iBXv1NXGC0M1
...
## Users
-> Owner
Full name : Julie Rufuberos
Email : julie.rufuberos07@gmail.com
Gaia ID : 116167012958102699368
[+] Last user to have modified the document !
...
```

```
$ ghunt email julie.rufuberos07@gmail.com
...
Maps data
Profile page : https://www.google.com/maps/contrib/116167012958102690368/reviews
[Statistics]
Reviews : 1
Photos : 2
...
Calendar data
[+] Public Google Calendar found !
Calendar ID : julie.rufuberos07@gmail.com
Calendar Timezone : Europe/Paris
[+] 409 events dumped ! Showing the last 5 ones...


| Name                             | Datetime (UTC) | Duration |
|----------------------------------|----------------|----------|
| Buy a bikini                     | ?              | ?        |
| Buy an intergalactic transponder | ?              | ?        |
| Update my website                | ?              | ?        |
| Train to use the Github API      | ?              | ?        |
| Visit the basilica               | ?              | ?        |


Download link :
=> https://calendar.google.com/calendar/ical/julie.rufuberos07@gmail.com/public/basic.ics
```

## Google Map

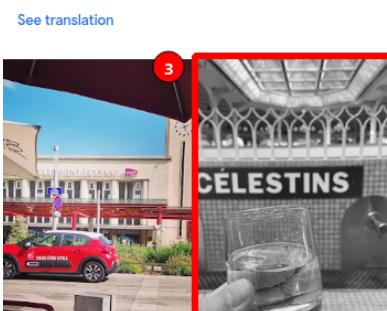
Je viens enfin d'arrivée à la Gare de Clermont-Ferrand, je peux dire que mon trajet s'est bien passé et que la gare est vraiment sympa. Les installations sont propres et modernes, et j'ai apprécié la facilité de circulation à travers les différentes zones de la gare.

J'ai été agréablement surprise de trouver une petite boutique de souvenirs à l'intérieur de la gare. J'ai trouvé une carte postale de ma ville de départ (la ville de la carte fait partie du flag) que j'ai achetée pour l'envoyer à mon amoureux. C'est une petite touche très appréciée qui rend la gare encore plus sympathique. Je vous ai posté la photo de ma carte postale en dessous de mon commentaire 😊

[Q2xlc...1vbnQtRmVycmFuZA](#)

1

2



3

[See translation](#)

## Flag 2 - Google Maps

```
$ echo 'Q2xlc...1vbnQtRmVycmFuZA' | base64 -d
Clermont-Ferrand
```

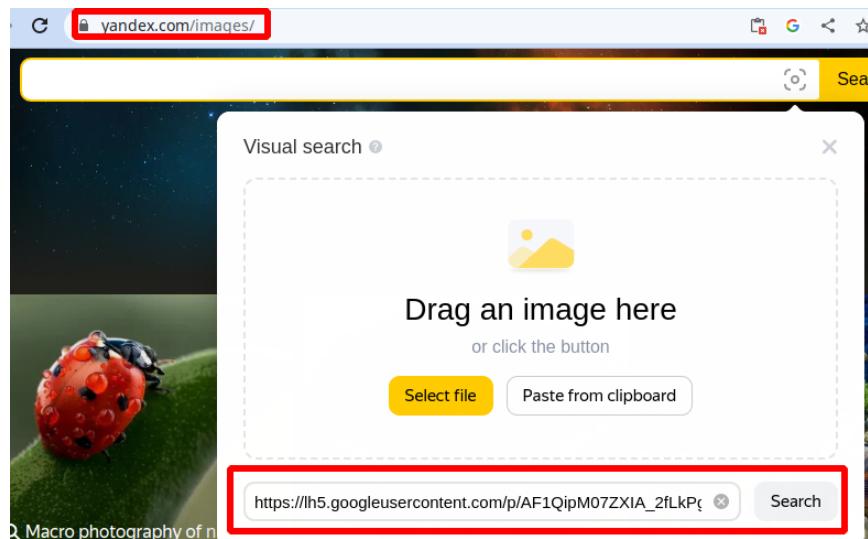
## Flag 3 - Reverse Image

### Prerequisite

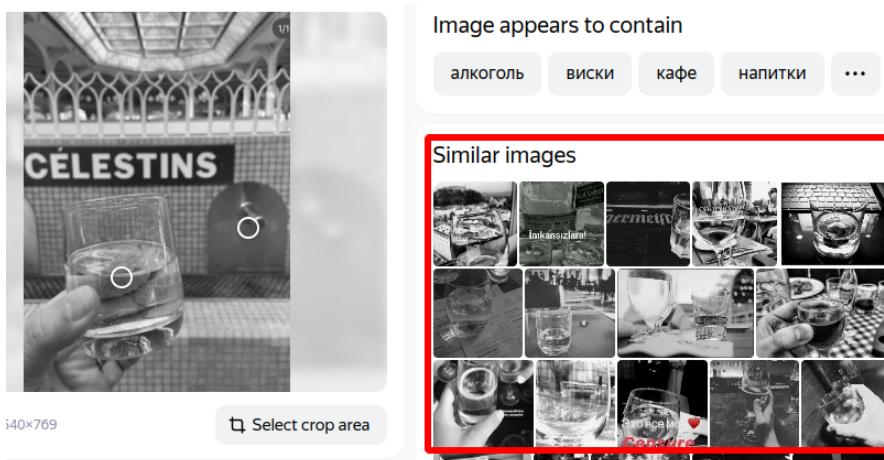
```
Postcard link :  
$ curl https://lh5.googleusercontent.com/p/AF1QipM07ZXIA_2fLkPgIbdMlLViNGRyoDlcdfEvpH=w540-h769-p-k-no -o postcard.jpg
```

### Method

1. Go to <https://yandex.com/images/> or <https://google.com> → images and upload the postcard image.



2. No results found because of the glass of water.



3. Crop the image to stop analyzing the part with the glass of water.

Image size: 540x769

Reset Select crop area

her image sizes

Image appears to contain  
биржа в антверпене павильон ...

Text in image  
Recognize text

Similar images

4. Analyze the results of the reverse search, the photo was taken at the spring waters of the city of Vichy.



#### Other image sizes

No matching images found

#### Sites containing information about the image

 699x268	<b>Francie</b> ru.foursquare.com
	Hall des Sources is one of Francie.
 699x268	<b>Vichy</b> es.foursquare.com
	Hall des Sources is one of Vichy.
 699x268	<b>Vichy</b> id.foursquare.com

#### Flag

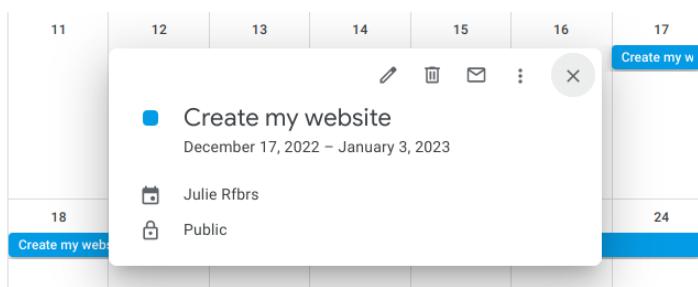
Vichy

## Enumeration 2/2

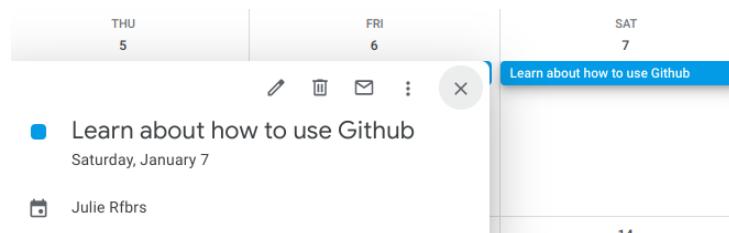
### Google Agenda

<https://calendar.google.com/calendar/ical/julie.rufuberos07@gmail.com/public/basic.ics>

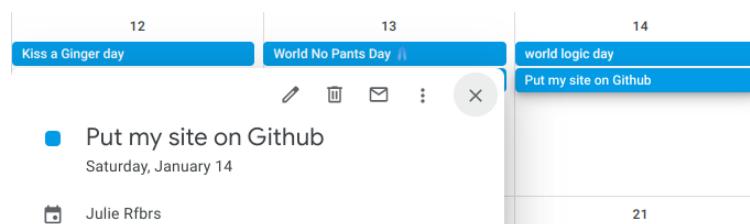
### Interesting events



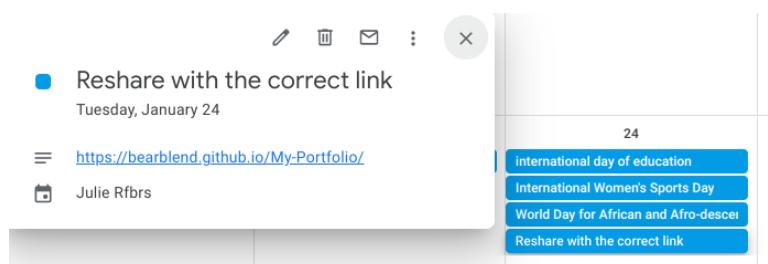
| She's create a website



| Maybe she's upload her website on Github



| She's upload her website



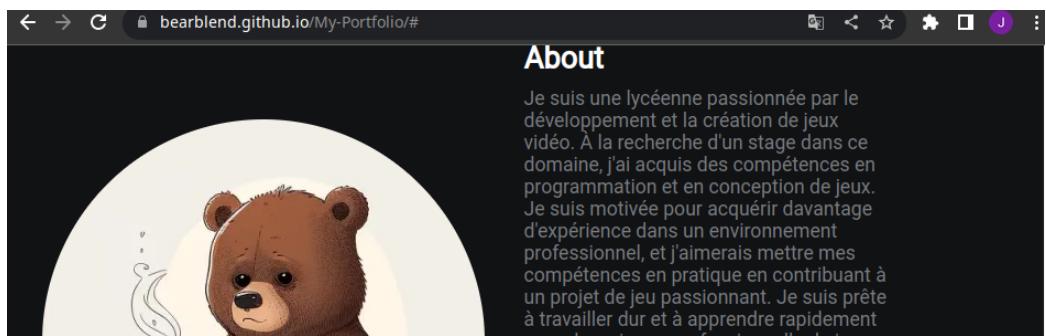
| The URL of his website

## Part 4 - Github

### Prerequisite

<https://bearblend.github.io/My-Portfolio>

### Bear Blend Account



Username on Github: Bearblend

A screenshot of a GitHub search results page for the query "Bearblend". It shows one user result: "Bear Blend Bearblend". The user has 0 repositories, 18 code contributions, 0 commits, and 0 issues. A bio states: "I dream of working in a video game company, if you have by DMI 😊". The user is located in Paris, France.

## My-Portfolio repository

A screenshot of the "My-Portfolio" repository overview. The repository is public and describes itself as "My first Website" built with HTML. It has 14 commits. A red box highlights the "14 commits" link. Below the repository details is a list of recent commits:

add robots.txt	<a href="#">61cca4f</a>	<>	
Bearblend committed yesterday ✓			
update readme	<a href="#">b445d27</a>	<>	
Bearblend committed yesterday ✓			
update readme	<a href="#">92f733c</a>	<>	
Bearblend committed yesterday ✘			
update readme	<a href="#">0a63354</a>	<>	
Bearblend committed yesterday ✘			
update readme	<a href="#">1c7268b</a>	<>	
Bearblend committed yesterday ✘			
update readme	<a href="#">f861bb4</a>	<>	
Bearblend committed yesterday ✘			
update readme	<a href="#">1d5c4bf</a>	<>	
Bearblend committed yesterday ✓			
add profile picture	<a href="#">ce35129</a>	<>	
Bearblend committed yesterday ✓			
add favicon	<a href="#">882bd5a</a>	<>	
Bearblend committed yesterday ✓			
change readme	<a href="#">b78521d</a>	<>	
Bearblend committed yesterday ✓			
my first website	<a href="#">7f23f52</a>	<>	
Bearblend committed 2 days ago ✓			
Create README.md	<a href="#">652cd61</a>	<>	
Bearblend committed 2 days ago			
remove .gitignore	<a href="#">1892192</a>	<>	
Bearblend committed 2 days ago			
Initial commit	<a href="#">Verified</a>	<a href="#">d7b2af3</a>	<>
Bearblend committed 2 days ago			

✓ add profile picture

main

Bearblend committed yesterday

Showing 4 changed files with 576 additions and 0 deletions.

Filter changed files

Minimal-Blog

- index.html
- index2.html
- myself.png
- logo.png

287 Minimal-Blog/index.html

```

...   ... @@ -0,0 +1,287 @@
1 + <!DOCTYPE html>
2 + <html lang="en">
3 +   <head>
4 +     <meta charset="UTF-8" />
5 +     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 +     <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7 +     <title>Mon journal intime 🐾</title>
8 +     <meta name="author" content="name" />
9 +     <meta name="description" content="description here" />

```

<https://raw.githubusercontent.com/Bearblend/My-Portfolio/ce35129cd1faece928be6af99554a9e298f3cb0b/Minimal-Blog/index2.html>

## My diary investigation

```
wget https://raw.githubusercontent.com/Bearblend/My-Portfolio/ce35129cd1faece928be6af99554a9e298f3cb0b/Minimal-Blog/index2.html
```

[◀ BACK TO PUBLIC ZONE](#)

## My diary 😊

Dear Diary,

I am so happy to be writing in my journal! I love writing down my thoughts, experiences and dreams. My journal is a safe place where I can be myself and express my emotions without fear of being judged. I like to write with a pink pen on the white pages, it gives my writing a girly touch. As a high school student, I have so much to write about! My journal allows me to remember all the magical moments that make life an exciting adventure. I can't wait to continue writing and sharing my most intimate stories and thoughts with you.

| Open index.html or index2.html into your browser

Goodbye, 😢

Dear diary,

I couldn't stand being bullied at school anymore. The insults, mockery and bullying had become unbearable. So I decided to run away for a few days to meet my boyfriend who lives in the south of Europe. I saved up some money, but not enough to buy a plane ticket, so I just left with my backpack. It was hard to lie to my parents, but I needed to escape. When I arrived, I realized that I couldn't stay at my boyfriend's house forever, and that I had to find a way to get away from my parents. So I decided to look for an **internship in the south**, at **my favorite video game publisher**. I contacted the company and they accepted to host me. **They gave me a tour of the company** for a whole afternoon, it was great! **I left them a little message on Google map with my personal gmail account ;)** I can't wait to start my internship and learn more about the **video game industry**. I am determined to prove to my parents that I am capable of making decisions and taking care of myself. I hope this internship will help me gain confidence and discover new opportunities for my future. In the meantime, I will take advantage of these few days to relax and recharge. I am grateful to have a loving and supportive boyfriend, and I hope that everything will go well for me in the future. See you soon, dear diary.

Published 10 February 2023

| So who is the video game publisher?



| On facebook we can see that she has a picture of the game Assassin's Creed, the video game of the publisher Ubisoft.

Two screenshots of LinkedIn posts by Julie Rufuberos. Both posts feature a post from the official Ubisoft LinkedIn account. The first post is a congratulatory message to Josiane V. for being honored, with the caption "Congrats Josiane V.! 🎉🎉🎉". The second post is a casual update about eating Maple Taffy in Quebec, with the caption "Maple Taffy 🍬 Time for a little snack the Canadian Québec! 🇨🇦". Both posts have the Ubisoft logo and follower count (1,106,446) highlighted with a red box.

| On LinkedIn, we can see that Julie republishes a lot of Ubisoft publications.

## Part 5 - Google map once again

### Ubisoft location

The screenshot shows the Ubisoft website's header and a specific studio location page. The header includes the Ubisoft logo, navigation links for 'JOUER', 'ACHETER', and 'EXPLORER', and a search bar with the URL 'ubisoft.com/fr-fr/company/careers/locations'. Below the header, there are menu items: 'À propos', 'Carrières', 'La Création de Nos Jeux', 'Impact Sociétal', and 'Plus que...'. A large banner image of a video game scene is visible. On the right, there are sections for 'AMÉRIQUES' and 'EUROPE', with 'France' expanded to show locations: Annecy, Bordeaux, Lyon, Montpellier (which is highlighted with a red box), and Paris / Île-de-France.

| They have studios in the south of France in Montpellier.

The screenshot shows a Google Maps listing for 'Ubisoft Montpellier, Rue Didier Daurat'. The listing includes a photo of the building with the Ubisoft logo, a rating of 4,5 stars from 178 reviews, and three tabs: 'Présentation' (selected), 'Avis', and 'À propos'. At the bottom are sharing options: 'Itinéraires', 'Enregistrer', 'À proximité', 'Envoyer vers un téléphone', and 'Partager'.

| Julie put a comment on Google Maps. Sort the comments and select the most recent ones.

#### Flag 4

 Julie Rfbrs  
3 avis

:

★★★★★ il y a 2 mois

J'ai récemment visité le studio Ubisoft Montpellier et je dois dire que j'ai été impressionnée ! En tant que fan de jeux vidéo, j'ai adoré voir l'envers du décor et découvrir comment ces jeux sont créés. Le studio est vraiment extraordinaire, avec des espaces de travail très modernes et lumineux, et une ambiance super sympa.

Depuis ma visite, je rêve de faire un stage chez Ubisoft Montpellier pour en apprendre encore plus sur l'industrie du jeu vidéo et travailler avec des professionnels aussi talentueux et inspirants. Si vous êtes un fan de jeux vidéo comme moi, j'espère que vous auriez également la chance de visiter ce studio et de découvrir par vous-même pourquoi c'est un endroit si extraordinaire.

TW9udHBlbGxpZXI

Visité en février

```
echo "TW9udHBlbGxpZXI" | base64 -d
Montpellier
```

## Profile Google Maps of Julie



Promenade du Peyrou  
Promenade du Peyrou, Rue la Blottière, 34000 Mo...

★★★★★ il y a un mois

I visited Promenade du Peyrou and it was an amazed by its tranquillity and it's atmosphere 😊 I put some creation on the network of the little blue bird.  
Otherwise, Promenade du Peyrou is a great place to take a break. I was able to have a little coffee there and enjoy the calmness of this place. Now, I'm ready to hit the road towards Girona in 🇪🇸 and I'm planning to stop at the first freeway area of this country to discover the local food, rest a bit and take another coffee 😊

Anyway, if u r looking for a quiet and nice place in MTP, I highly recommend you to go through this park !

Visité en mars



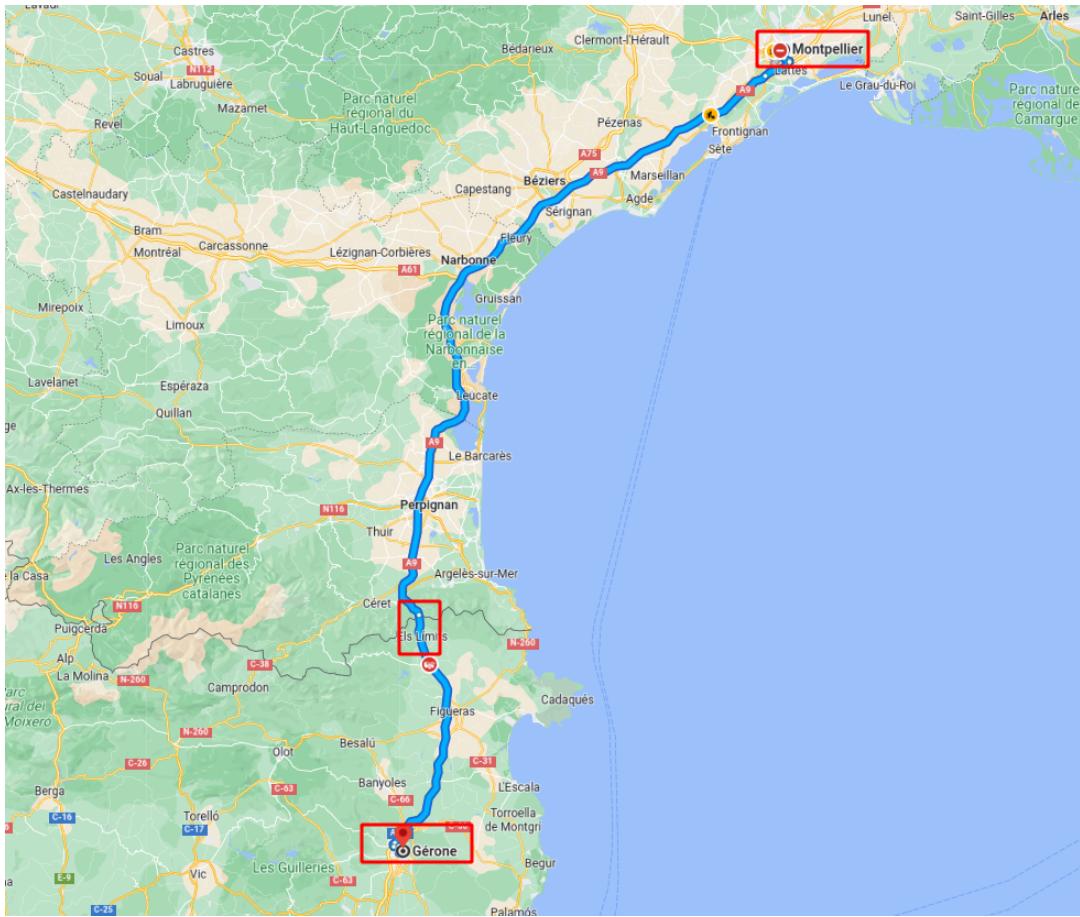
Jardin du Champ de Mars  
All. de la Citadelle, 34000 Montpellier

★★★★★ il y a un mois

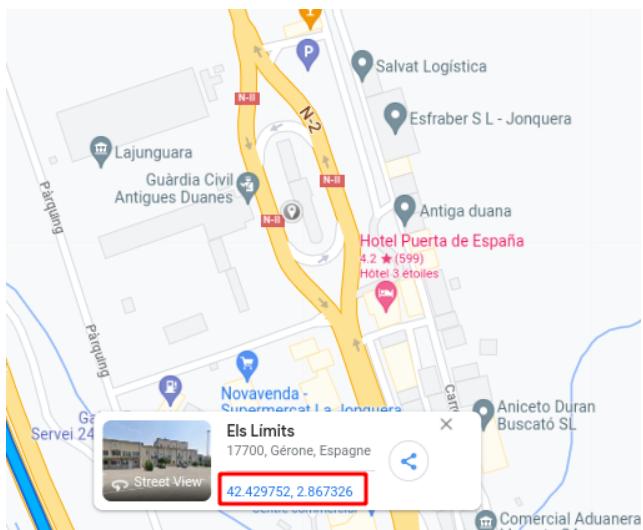
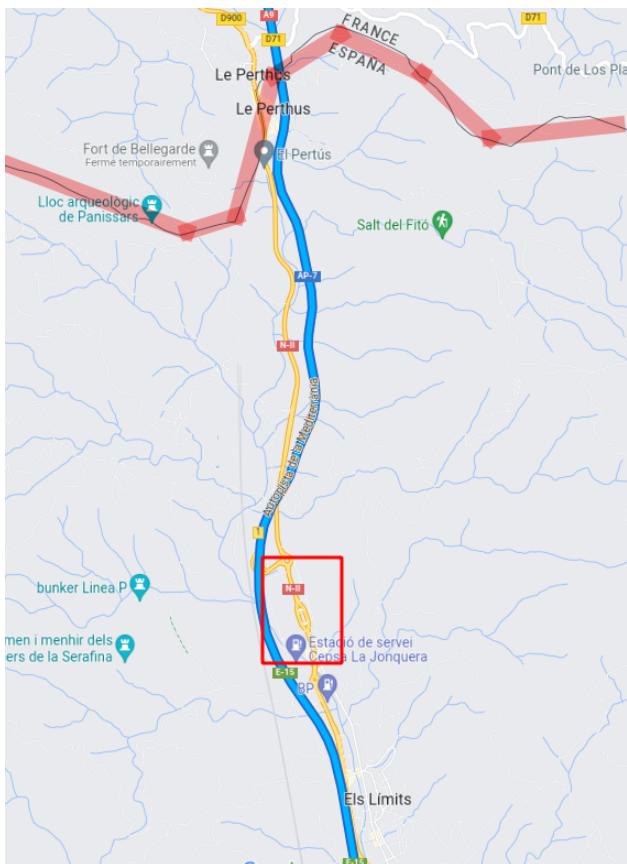
Great place but I think my father found me, so I move my reviews on Twitter 😊

Visité en mars

Julie leaves Monpellier and goes in the direction of Girona. On the way, she will stop at the first highway exit after the border. She'll be sure to leave a comment on Twitter about it.



| You have to zoom in on the border.



| Get the GPS coordinates of the motorway area. 42.429752, 2.867326

## Part 6 - Twitter

### Prerequisite

```
42.429752, 2.867326
```

## Flag 5 - Geocode

geocode:42.429752,2.867326,1km

Top    Latest    People    Photos    Videos

**Julie in space** @Julie\_R\_Bear · Feb 23  
Enfin en Espagne ! Plus que quelques heures avant de retrouver mon copain chez lui !  
Sm9ucXVlcme

echo "Sm9ucXVlcme" | base64 -d  
Jonquera

## Tweets investigation

**Julie in space**  
@Julie\_R\_Bear

Developer and graphic designer, I fly to the stars to create an epic steampunk game in space! Follow me to discover my galactic adventures🚀

Joined February 2023

38 Following   1 Follower

**Tweets**    Replies    Media    Likes

**Julie in space** @Julie\_R\_Bear · Mar 29  
Well guys I just created a blog on a site I used when I was a kid. For the curious I let you find it, the nickname is julierbear 🙃🤔

## Part 7 - Tumblr

```
python3 maigret.py julierbear
[-] Starting a search on top 500 sites from the Maigret database...
[!] You can run search by full list of sites with flag '-a'
[*] Checking username julierbear on:
[+] Pinterest: https://www.pinterest.com/julierbear/
[+] Tumblr: https://julierbear.tumblr.com/
  fullname: Julie in space
  title: My travel blog !
  image: https://64.media.tumblr.com/c1d0234b1b434be3bb5ca0f275b918d0/bfd6
  image_bg: https://64.media.tumblr.com/792d29e84800c6c67dcffba80610a8ca/b
  links:
    https://mynewlife
[+] Myspace: https://myspace.com/julierbear
  uid: 98392972
  username: julierbear
```

| Julie in space is on Tumblr

The screenshot shows a social media profile for a user named 'Julie in space'. The profile picture is a circular photo of a young woman smiling. The background of the profile page features a vibrant, abstract cityscape at night with pink and purple hues. Below the profile picture, the username 'Julie in space' is displayed in a large, bold, purple font. Underneath the username, the bio 'My travel blog !' is written in a smaller, gray font. A navigation bar below the bio includes links for 'POSTS', 'LIKES', 'FOLLOWING', 'ASK ME ANYTHING', 'MY NEW LIFE IN BARCELONE !' (which is highlighted with a red border), and 'ARCHIVE'. The first post, which has a red border around its title, is titled 'My firt article!' and contains the text 'I'll share with you my travels, places to visit and lots of tips!'. It also includes a note from the author: 'I just created my new life page!' followed by two smiling face emojis. The second post is titled 'My firt article!' and contains the text 'I'll share with you my travels, places to visit and lots of tips!'. It also includes a note from the author: 'I just created my new life page!' followed by two smiling face emojis.

## Flag 6

The screenshot shows a social media post featuring a photograph of two glasses filled with a dark red liquid, likely wine or beer, sitting on a blue surface outdoors. In the background, a sandy beach and some beach umbrellas are visible under a clear blue sky. Below the image, the caption reads: 'beacnside bars and restaurants only adds to the experience.' At the bottom of the post, there is a message from the author: 'I am excited to continue exploring this incredible city and sharing my experiences with all of you.' Below this message is a redacted URL: 'QmFyY2Vsb25l'.

```
echo "QmFyY2Vsb25l" | base64 -d
Barcelone
```

## Flags

### Ville 1

HACKDAY{Orléans}

### Ville 2

HACKDAY{Clermont-Ferrand}

**Ville 3**

HACKDAY{Vichy}

**Ville 4**

HACKDAY{Montpellier}

**Ville 5**

HACKDAY{Jonquera}

**Ville 6**

HACKDAY{Barcelone}