

Solving CAPTCHAs for Fun

by @vavkamil

~\$ whoami

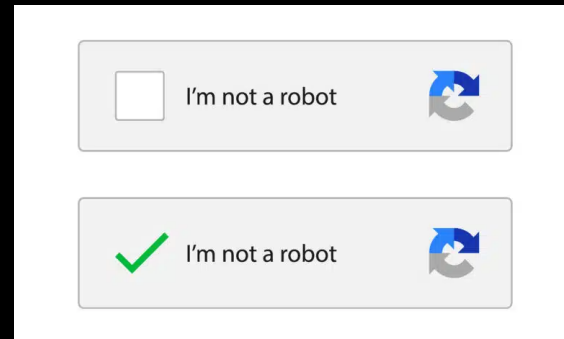
- Kamil Vavra (@vavkamil)
- Application Security Engineer
- Burp Suite Certified Practitioner
- Offensive Web Application Security
- OWASP Czech Chapter Leader
- Moderator of reddit.com/r/bugbounty
- vavkamil.cz
- github.com/vavkamil
- twitter.com/vavkamil
- linkedin.com/in/vavkamil
- reddit.com/user/vavkamil

~\$ Agenda

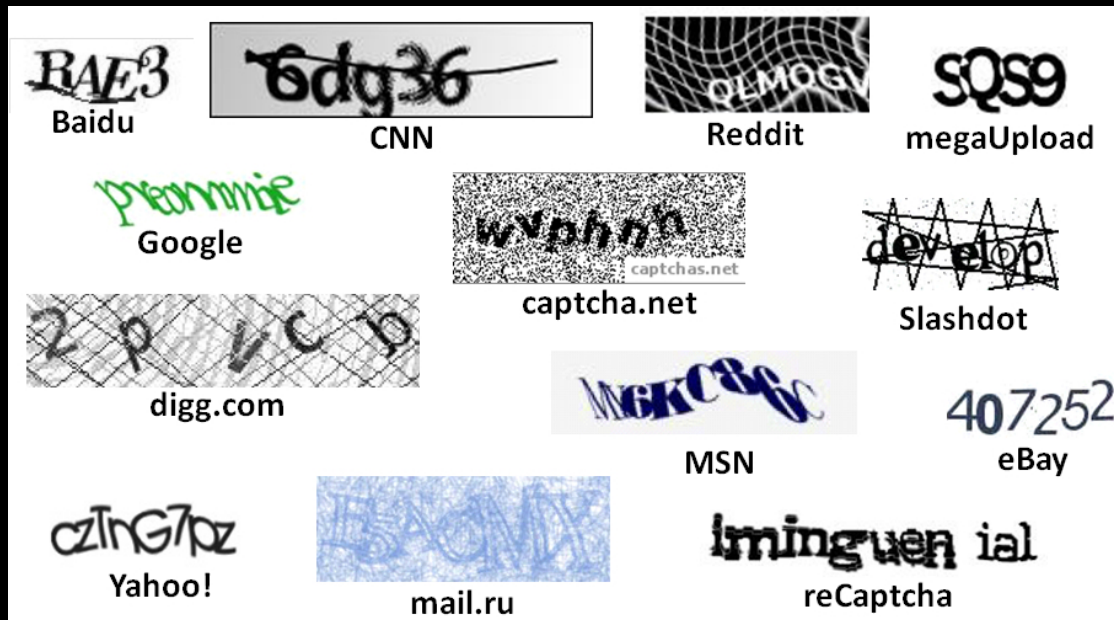
- Wtf is CAPTCHA
- Top CAPTCHA vendors
 - reCaptcha (Google)
 - hCaptcha (Intuition Machines)
 - Turnstile (Cloudflare)

~\$ Agenda

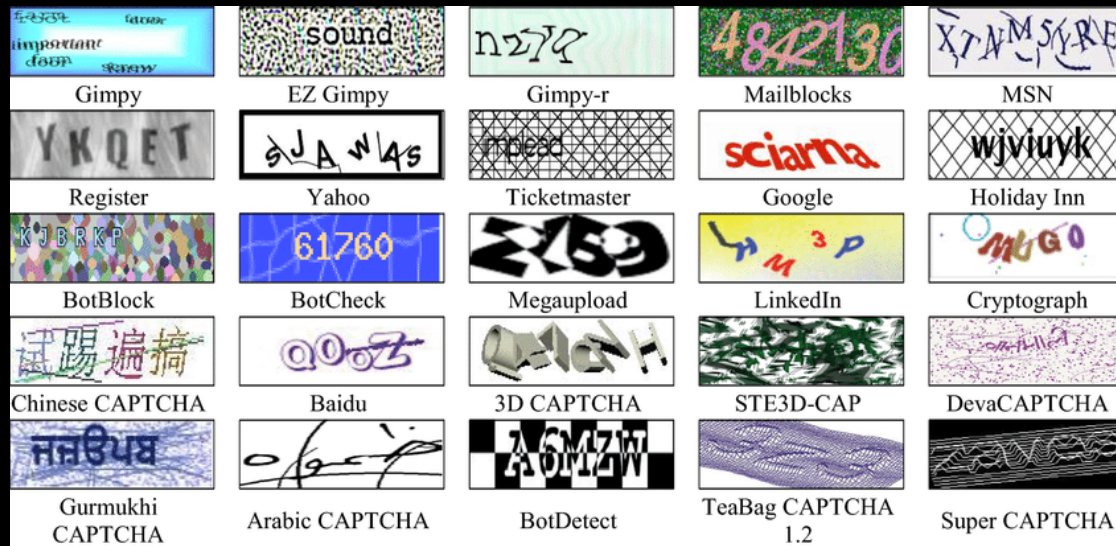
- Wtf is CAPTCHA
- Top CAPTCHA vendors
 - reCaptcha (Google)
 - hCaptcha (Intuition Machines)
 - Turnstile (Cloudflare)
- How to bypass CAPTCHAs
 - Top CAPTCHA-solving vendors
- Using AI to automate the process



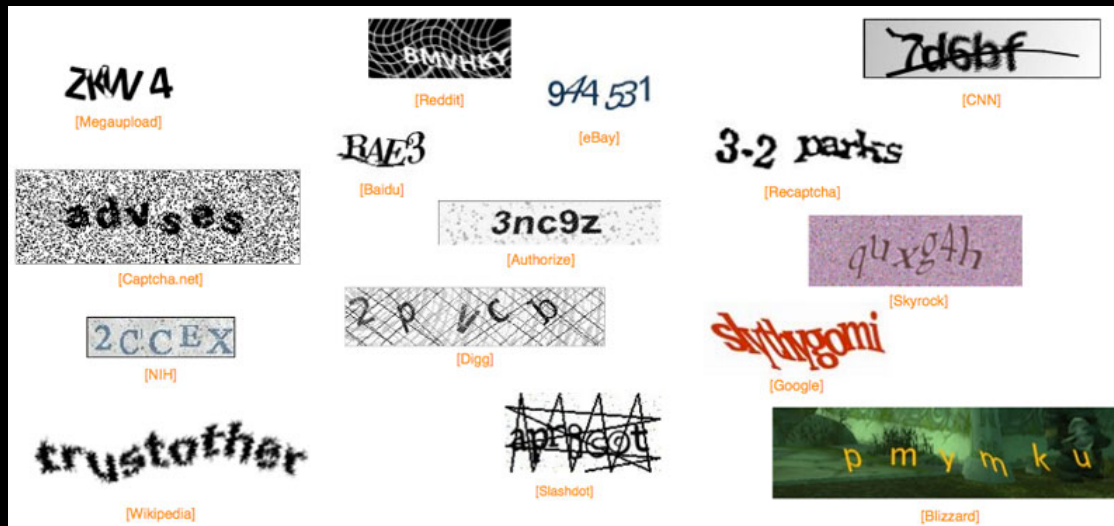
~\$ Old CAPTCHA examples



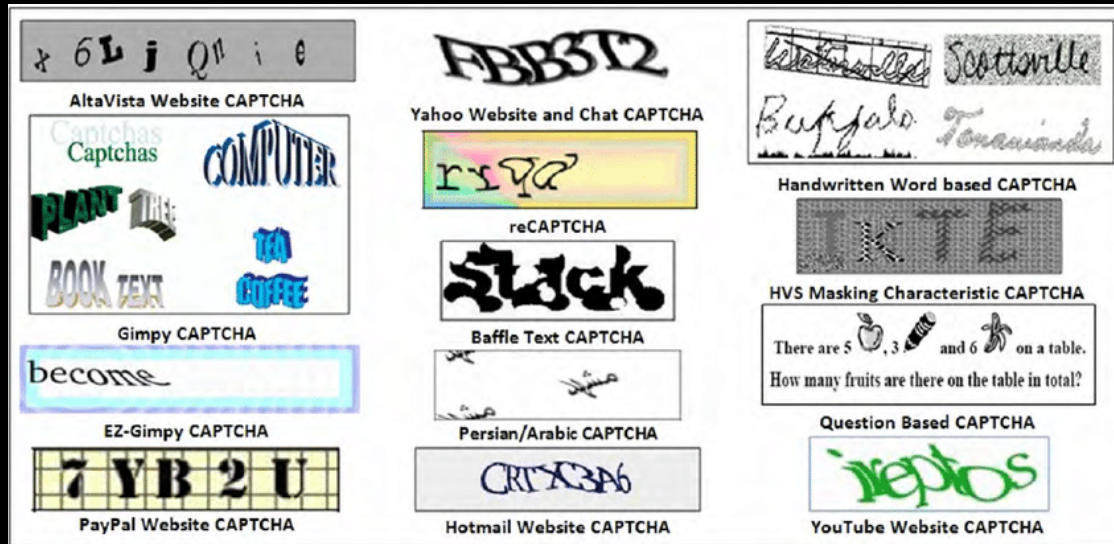
~\$ Old CAPTCHA examples



~\$ Old CAPTCHA examples



~\$ Old CAPTCHA examples



~\$ Old CAPTCHA examples

CAPTCHA module settings

Here you can select and configure CAPTCHA plugins, which implement various ways to reject registration attempts from so-called spambots.

General options

GD CAPTCHA foreground noise:

Use foreground noise to make the GD based CAPTCHA harder.

☐ Yes ☒ No

GD CAPTCHA background noise x-axis:

Use lower settings of this to make the GD based CAPTCHA harder. 0 will disable x-axis background noise.

25

GD CAPTCHA background noise y-axis:

Use lower settings of this to make the GD based CAPTCHA harder. 0 will disable y-axis background noise.

25

GD CAPTCHA wave distortion:

This applies a wave distortion to the CAPTCHA.

☐ Yes ☒ No

Add 3D-noise objects:

This adds additional objects to the CAPTCHA, over the letters.

☒ Yes ☐ No

Use different fonts:

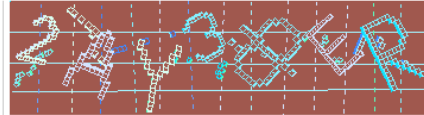
This setting controls how many different letter shapes are used. You can just use the default shapes or introduce altered letters. Adding lowercase letters is also possible.

☒ Default ☐ New Shapes ☐ Also use lowercase

Preview

Preview:

The CAPTCHA as it would look like using the current selection.



Submit

Reset

Preview

~\$ Wtf is CAPTCHA

~\$ Wtf is CAPTCHA

- Completely
- Automated
- Public
- Turing test to tell
- Computers and
- Humans
- Apart
- The term was coined in early 2000's
 - by Luis von Ahn, Manuel Blum, Nicholas J. Hopper, and John Langford
 - Read the whitepaper *CAPTCHA: Using Hard AI Problems for Security*
 - *Abstract. We introduce captcha, an automated test that humans can pass, but current computer programs can't pass: any program that has high success over a captcha can be used to solve an unsolved Artificial Intelligence (AI) problem.*
- Luis von Ahn later founded reCAPTCHA in 2007, which was acquired by Google in 2009

~\$ (re)CAPTCHA origins

- In a September 2000 chief scientist of the Internet portal Yahoo, Dr. Udi Manber, *conference call* with a group of computer science researchers at Carnegie Mellon University
 - Yahoo had a problem with constant spam in their chat rooms and automated registrations of Yahoo e-mail accounts used for spam
- Dr. Manuel Blum, a professor at Carnegie Mellon proposed a solution: *"Why not devise a new sort of Turing test, that would be simple for humans but would baffle sophisticated computer programs."*
 - He started working on it with his Ph.D. student Luis von Ahn (22-year-old) and others.
- They registered the *captcha.net* domain in 2001
- As a Proof of Concept, they designed two CAPTCHA proposals
 - Gimpy
 - Bongo

~\$ (re)CAPTCHA origins

Gimpy (text-based)

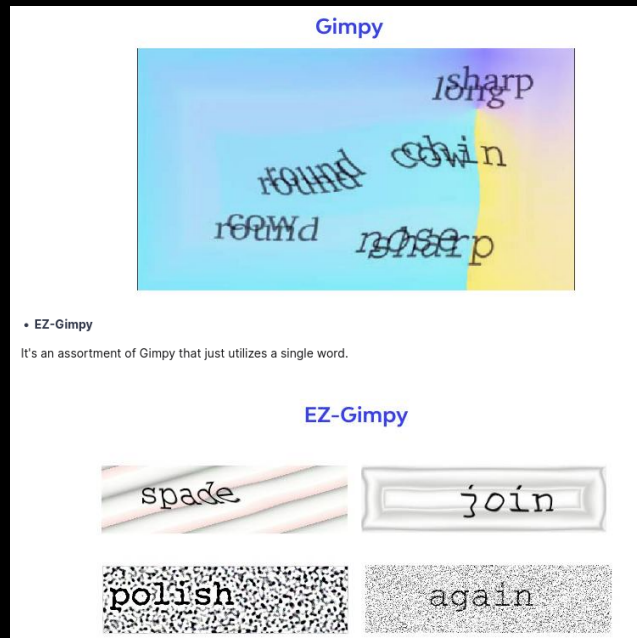
- It's based on the human ability to read an extremely distorted and corrupted text, and the inability of current computer programs to do the same
- Gimpy works by choosing a certain number of words from a dictionary and then displaying them distorted in an image;
 - Afterward, Gimpy asks the user to type the words displayed in that image.

Bongo (image-based)

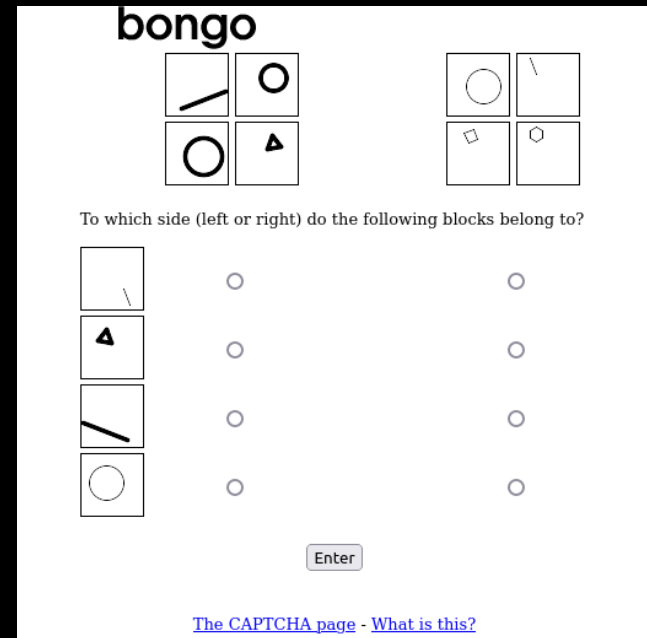
- Bongo is a program that asks the user to solve a visual pattern recognition problem.
- Bongo displays two series of blocks, and the user must find the characteristic that sets the two series apart.
- After seeing the two series of blocks, the user is presented with four single blocks and is asked to determine whether each block belongs to the right series or the left

~\$ (re)CAPTCHA origins

Gimpy (text-based)



Bongo (image-based)



~\$ (re)CAPTCHA origins

- 2000 - Yahoo has a problem with spam
- 2001 - First PoC of CAPTCHA
- 2003 - CAPTCHA white paper released
- 2007 - reCAPTCHA company started
- 2008 - Over 100 million CAPTCHAs displayed/solved every day
- 2009 - reCAPTCHA acquired by Google
- 2012 - reCAPTCHA began using photographs taken from Google Street View
- 2014 - reCAPTCHA is only presenting challenges if it suspects that the user may be a bot
- 2017 - A new "invisible" reCAPTCHA introduced, where verification occurs in the background, and no challenges are displayed
- 2017 - New reCAPTCHA v3 introduced; This version is a complete shift from the challenge-based approach

~\$ CAPTCHA vendors

~\$ CAPTCHA vendors

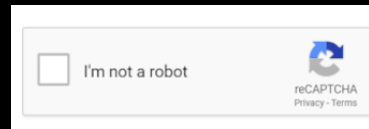
- CAPTCHA Usage Distribution in the Top 1 Million Sites
 - trends.builtwith.com

Vendor	... Websites ...	%
reCaptcha	211,339	21.13
hCaptcha	5,178	0.52

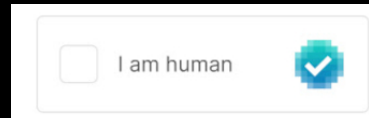
- CAPTCHA Usage Distribution based on # of websites
 - wappalyzer.com

Vendor	... Websites ...	%
reCaptcha	4,002,000	96.71
hCaptcha	87,000	2.10
Turnstile	49,300	1.19

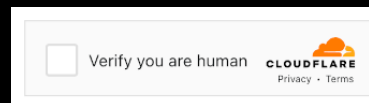
- reCaptcha (Google)
 - google.com/recaptcha/about



- hCaptcha (Intuition Machines)
 - hcaptcha.com



- Turnstile (Cloudflare)
 - cloudflare.com/products/turnstile



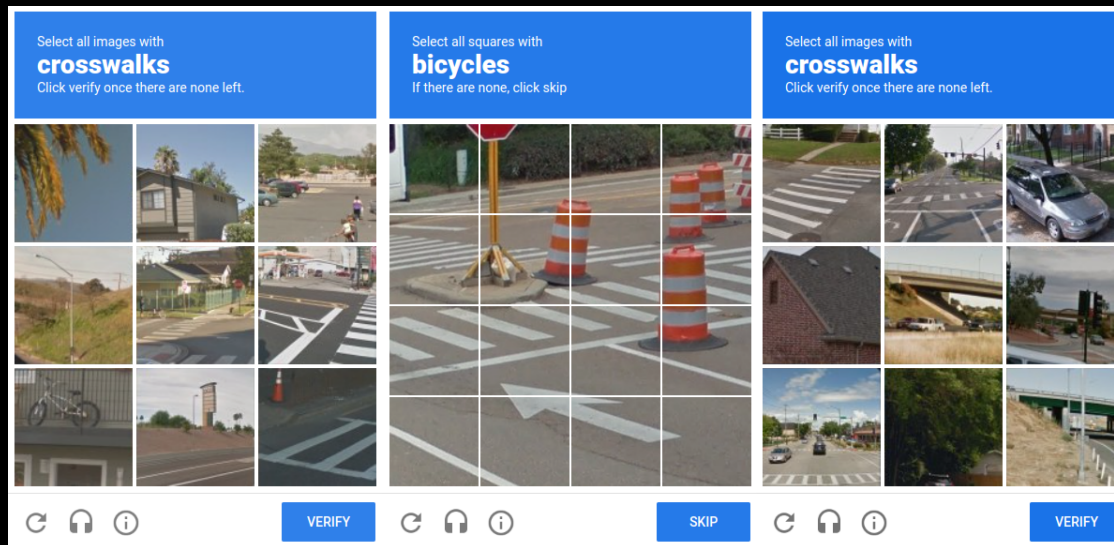
~\$ CAPTCHA vendors | reCaptcha

- The text-based version used to completely digitize the archives of The New York Times and books from Google Books
- It helped to digitize books illegible to be scanned by computers, as well as translate books to different languages
 - Completed as of 2011
 - Within the first year, 440 million words were deciphered; the equivalent of 17,600 books
 - More than 13 million articles in total have been published (from NYT; dating from 1851 to the present day)
- Since 2012, they started adding street addresses, street names, house numbers, and even traffic signs
 - Data from Google Maps



~\$ CAPTCHA vendors | reCaptcha

- Nowadays, Google uses reCaptcha to identify objects in images, like traffic lights, buses, crosswalks, fire hydrants, etc.
 - Google uses user inputs to improve its machine learning models, and specifically, its image recognition models

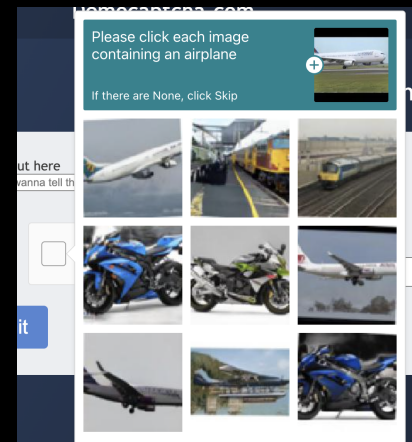
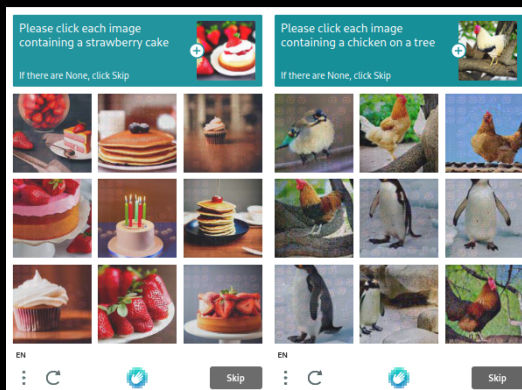


~\$ CAPTCHA vendors | reCaptcha

- reCAPTCHA v1 (released in 2007)
 - Distorted text pulled from books, newspapers, or other sources that Optical Character Recognition (OCR) had failed to recognize
- reCAPTCHA v2 (released in 2014)
 - The "I'm not a robot" checkbox was introduced
 - The images used in these challenges are often photos from Google Street View
 - Users help train machine learning (image recognition and mapping technologies)
- Invisible reCAPTCHA (released in 2017)
 - This version works in the background to determine if a user is a human or a bot without any interaction
 - If the system isn't sure, it may present an image-based challenge like in v2
- reCAPTCHA v3 (released in 2018)
 - It gives each user a score between 0.0 and 1.0, representing the likelihood that they're a human

~\$ CAPTCHA vendors | hCaptcha

- hCaptcha was introduced in 2018 by Intuition Machines, Inc.
 - A company that provides AI and machine learning solutions
- hCaptcha is designed to solve problems for machine learning models
 - While Google is using reCAPTCHA to help train its own services, hCaptcha's primary goal is to sell the anonymized human-validated data to companies interested in improving their machine-learning models
- One of the key differences between hCaptcha and reCAPTCHA is in their approach to privacy and transparency



~\$ CAPTCHA vendors | Turnstile

- Introduced in 2022 by Cloudflare
 - Invisible alternative to CAPTCHA
 - A key difference is to solve terrible user experience
- It automatically chooses from a rotating suite of non-intrusive browser challenges based on telemetry and client behavior exhibited during a session.
- First, it runs a series of small non-interactive JavaScript challenges gathering more signals about the visitor/browser environment
 - Those challenges include proof-of-work, proof of space, probing for web APIs, and various other challenges
- Turnstile also includes machine learning models that detect common features of end visitors who were able to pass a challenge before.
 - The computational hardness of those initial challenges may vary by visitor, but is targeted to run fast

~\$ CAPTCHA vendors

reCAPTCHA (Google)

- Free up to 1 million assessments per month (then it stop working)
- Enterprise free up to 1m, then \$1 per 1,000 calls

hCaptcha (Intuition Machines)

- Free up to one million requests per month
- Pro \$139 per month, 100,000k evaluations per month
 - Additional evaluations are billed at \$0.99 per 1000 requests

Turnstile (Cloudflare)

- Free, but customers are limited to 1 million calls to the siteverify verification endpoint per month
- Customers who need additional requests must upgrade to Enterprise Bot Management (really expensive)









~\$ CAPTCHA solving
vendors

~\$ CAPTCHA solving vendors

- Main SaaS platforms

- *2captcha.com*

- Founded in 2014
- Price ~\$1 - \$2.99 for 1000 reCAPTCHA V2
- Solving speed for reCAPTCHA V2 ~25 sec.

Captcha type	Price per 1000	Solving speed
 Normal CAPTCHA	\$0.5 - \$1	⚡ 4 sec.
 reCAPTCHA V2	\$1 - \$2.99	⚡ 25 sec.
 reCAPTCHA V3	\$1.45 score <= 0.3 \$2.99 score > 0.3	⚡ 7 sec.
 reCAPTCHA Enterprise	\$1 - \$2.99	⚡ 28 sec.
 hCaptcha	\$2.99	⚡ 22 sec.
 Cloudflare Turnstile	\$2.99	⚡ 22 sec.
 GeeTest CAPTCHA	\$2.99	⚡ 14 sec.
 KeyCAPTCHA	\$2.99	⚡ 12 sec.

- *anti-captcha.com*

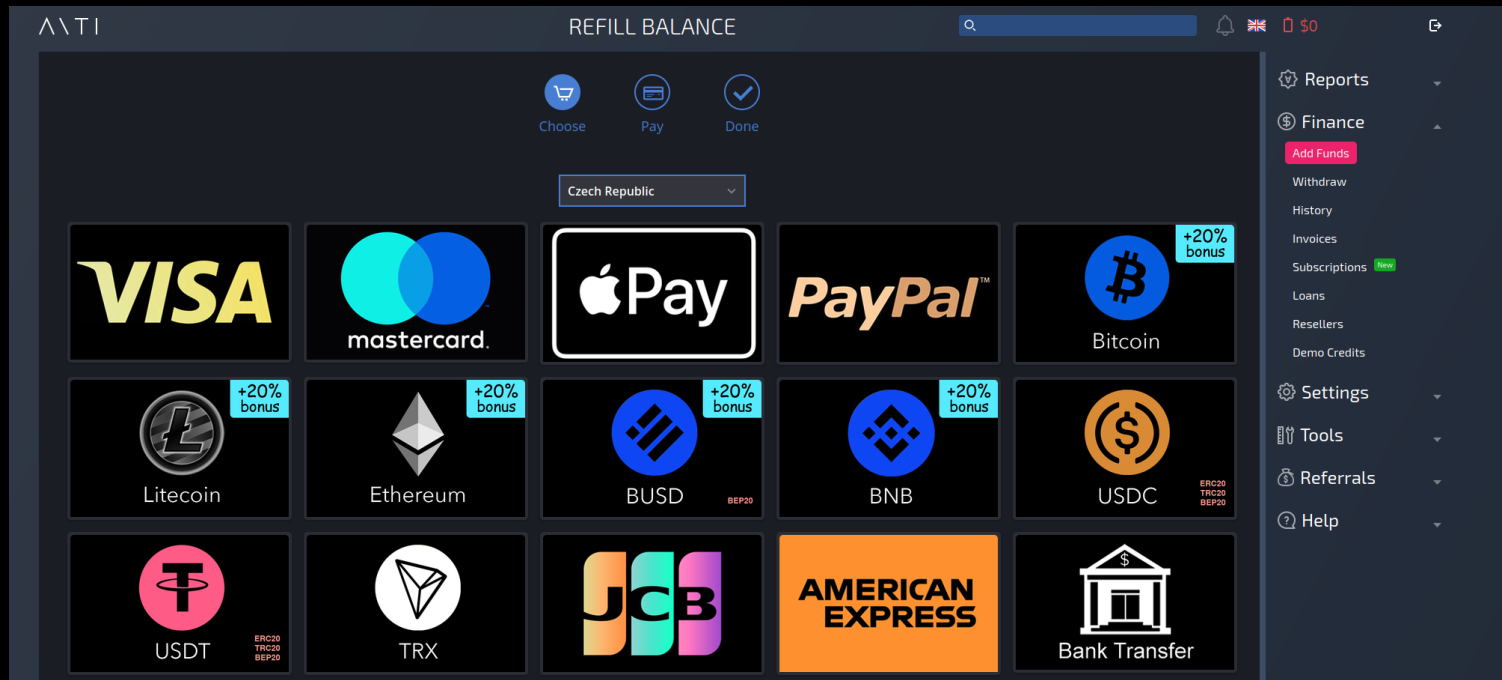
- Founded in 2007; same as reCAPTCHA
- Price ~\$0.95 - \$2 for 1000 reCAPTCHA V2
- Solving speed for reCAPTCHA V2 ~5 sec.

Pay as you go <input checked="" type="checkbox"/> Subscription				
	Price per 1000	Solving Speed	Workers	Free Capacity
 Images	\$0.5 - \$0.7*	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 reCAPTCHA v2	\$0.95 - \$2*	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 reCAPTCHA v3	\$1 - \$2**	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 reCAPTCHA Enterprise v2/v3	\$5	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 hCaptcha	\$2	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 GeeTest	\$1.8	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 Arkose Labs	\$3	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 Turnstile	\$2	5 s	Busy: 1000 Idle: 1200	1000 / per minute
 Custom Tasks	\$2	5 s	Busy: 1000 Idle: 1200	1000 / per minute

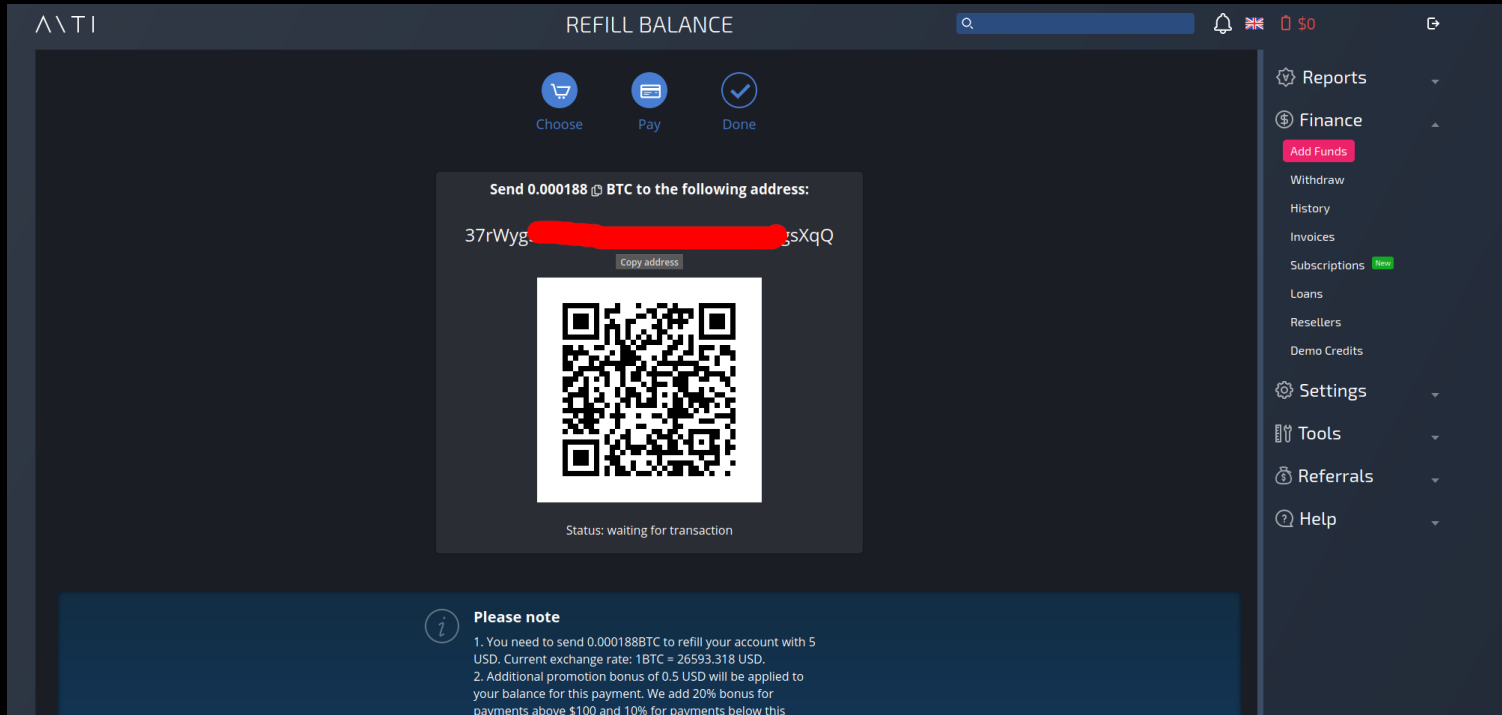
~\$ anti-captcha.com

~\$ anti-captcha.com | Welcome

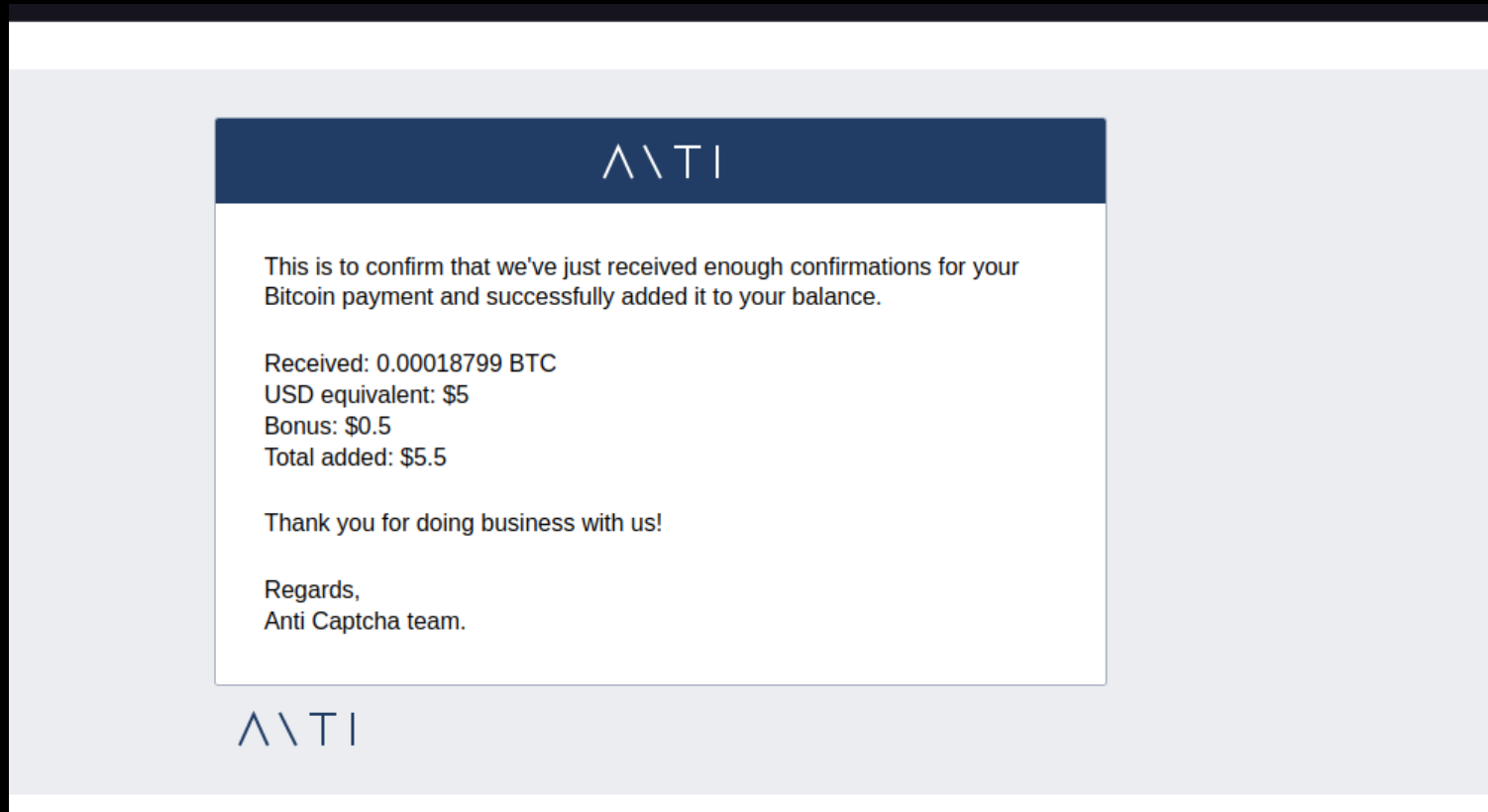
~\$ anti-captcha.com | Refill
balance




```
~$ anti-captcha.com | Crypto
with 20% bonus
```



~\$ anti-captcha.com | BTC 1 confirmation



~\$ anti-captcha.com | App center

ANTI

APP CENTER

🔍

🔔

🇬🇧

💰 \$5.5

🔗


🔍 Search

Search

☆ Top

📁 Categories

🔊 New

**AntiCaptcha plugin (automatic captcha solver)**

free

👍 20


🗨 3

👁 27

A browser plugin for Chrome and Firefox, which allows you to automatically solve CAPTCHAs found on a webpage.
The plugin works with iMacros.
Плагин для Chrome и Firefox, который автоматически решает найденные на странице капчи.
Работает в связке с iMacros.

🔗 Other

👤 Submitters

**python-anticaptcha**

free


👍 2

🗨 0

👁 1

Python client library for solve captchas with Anticaptcha.com support. Support Recaptcha, tex, funcaptcha & custom type.

🔗 Scripts and libraries

**Key Collector**

2300.00 RUR

👍 27


🗨 1

👁 22

Программа для раскрутки сайта позволяет быстрым и удобным способом собрать ключевые фразы для составления семантического ядра, определить их конкурентность, стоимость и эффективность, а также провести экспресс-анализ вашего сайта на соответствие его содержимого этому ядру....

🔗 Other

👤 SEO

**JDownloader**

free


👍 0

🗨 0

👁 0

JDownloader is a free download-manager that makes downloading as easy, fast and automated as it should be.

🔗 Other

**eTXT Антиплагиат**

free

👍 1


🗨 0

👁 1

Программа для поиска плагиата в сети и оценки уникальности текстов

🔗 Other

👤 SEO

**OpenBullet**

free

👍 0

🗨 0

👁 0

OpenBullet is a webtesting suite that allows to perform requests towards a target webapp and offers a lot of tools to work with the results. This software can be used for scraping and parsing data, automated pentesting, unit testing through selenium and much more.

🔗 Submitters

👤 Account creators

🔧 Reports

📈 Finance

⚙ Settings

🔧 Tools

📌 App Center

👤 Developers Center

🔍 Proxy Monitor

🔍 Proxy Checker

🔍 IP Search

📌 Referrals

🔍 Help

31 / 52

~\$ anti-captcha.com | Developers center

ANTI

DEVELOPERS CENTER

🔔 🇬🇧 💰 \$5.5

🔗

⚙️ Settings

+

Add application

+

Post a job

+

Post a resume

+

AntiGate template

LATEST JOBS LIST

VIEW ALL

Description	Budget
Need To Submit Clouflare Turnstile Solved Token Publish date: 5 June views: 40	50
python solve captcha Publish date: 4 June views: 52	10
find out why anti captcha code does not work on some sites Publish date: 27 May views: 40	up to 250 time and materials
need help to solve a google captcha Publish date: 5 May views: 160	50 usd
I need to solve the captcha for Amazon's registration. Publish date: 2 May views: 68	60

RESUMES LIST

VIEW ALL

Capabilities	Platforms	Costs
Automatic browser actions (development of bots) Publish date: 18 June views: 248 contact views: 127	🖥️ 📱	50 / hour
Bot creating Publish date: 18 June views: 8 contact views: 5	🖥️	Custom pricing

🔧 Reports

📈 Finance

⚙️ Settings

🔧 Tools

App Center

Developers Center

Proxy Monitor

Proxy Checker

IP Search

🔖 Referrals

🔍 Help

~\$ anti-captcha.com | Referrals

ANTI

TOP20 REFERRALS

🔍

🔔

🇬🇧

💰 \$0

🔗

Oops, it seems that you are not taking part in this top list :(Generate a referral link and get paid by referring other customers!

Start earning money now

TOP EARNING REFERRERS

Place	Name	Montly Earnings
1	Olexandr5000	\$3378.13
2	Flauros	\$931.08
3	*****	\$732.93
4	SMARTESTASS	\$485.70
5	Tony2015	\$444.47
6	*****	\$225.56
7	*****	\$225.32
8	*****	\$128.58
9	*****	\$112.66
10	*****	\$94.61

🔧 Reports

📄 Finance

⚙️ Settings

🔧 Tools

📁 Referrals

🔗 Links & Stats

🔴 Top Referrers

🔍 Help

~\$ anti-captcha.com

- Awesome documentation at anti-captcha.com/apidoc

```
#!/bin/bash
echo "[i] Creating reCaptcha V2 bypass task"

response=$(curl -s -H "Accept: application/json" \
  -H "Content-Type: application/json" \
  -X POST -d '{
    "clientKey": "anti-captcha-api-key",
    "task": {
      "type": "RecaptchaV2TaskProxyless", "websiteURL": "https://example.com/captcha.php", "websiteKey": "captcha-site-key",
    },
    "softId": 0
  }' https://api.anti-captcha.com/createTask)

taskId=$(echo "$response" | jq '.taskId')

echo -e "\t[i] Waiting 5 seconds for task to complete ...\n"
sleep 5

while true; do
  echo "[i] Requesting task solution"
  result=$(curl -s -H "Accept: application/json" \
    -H "Content-Type: application/json" \
    -X POST -d '{
      "clientKey": "anti-captcha-api-key",
      "taskId": "$taskId"
    }' https://api.anti-captcha.com/getTaskResult)

  status=$(echo "$result" | jq -r '.status')

  if [ "$status" == "ready" ]; then
    gRecaptchaResponse=$(echo "$result" | jq -r '.solution.gRecaptchaResponse')
    echo -e "\n[!] gRecaptchaResponse:\n\n$gRecaptchaResponse\n"
    break
  else
    echo -e "\t[i] Wait for 3 seconds before retrying ...\n"
    sleep 3
  fi
done
```

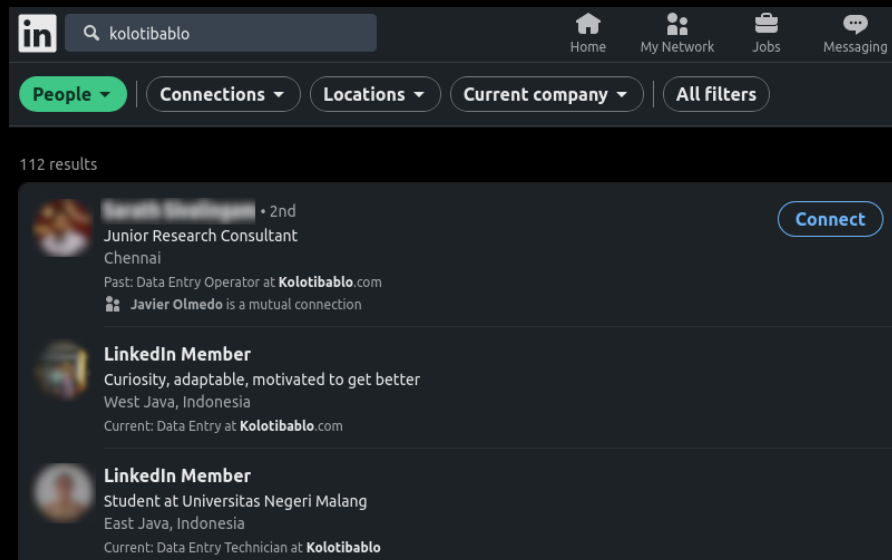
```
~$ kolotibablo.com  
Work for anti-captcha.com
```

~\$ kolotibablo.com


- Founded in 2007 (same as reCAPTCHA) | Work for anti-captcha.com
 - They used to pay 0.5 cents per correctly entered captcha (earnings ~\$3 per hour)
- Now you get \$1 per 1000 CAPTCHAs solved (earning ~\$2 per day)
 - Bonus system based on monthly volume of solves (e.g., + 15% for 50k solves)
 - Estimated earnings ~\$100 per month, working every day
- You earn RP (recaptcha points) for each successful solve
 - If you do 3+ mistakes per 1k solves, you get banned
 - You can unban yourself or a friend by spending 2k RP
- Top 3 countries (workers):
 - Venezuela
 - Indonesia
 - Vietnam
 - India
 - Bangladesh


~\$ kolotibablo.com


- You can read inspirational success stories at *kolostories.com*
- Not so good reviews at *trustpilot.com*
- Plenty of people (112) list this as their current/past job at LinkedIn
 - Data Entry Operator / Data Entry Technician / Data Encoder
 - Typing job / Typist / Typesetter





~\$ kolotibablo.com | Start page


START PAGE

work via Web

work via App

send money

track stats

referrals

Recaptcha Solving

100% Demand

Current bid: \$1.1 / 1000 | Priority: 0 / 53141

Follow easy instructions to enable Recaptcha tasks:

Compatible browser:

Certificate installed:

Browser Plugin installed and Running:

Plugin version:

IP status:

Account status:

Installation Instructions

Installation Instructions

n/a

All fine

All fine

☒ Receive tasks

Image Captcha Solving

Usual image captcha tasks

Current bid: 0.3 / 1000

Monthly entries: 4

Monthly earnings: 0.003302

Priority: 0 / 49573

Demand: 52% Demand

☒ Receive tasks

AntiGate Tasks

Custom assignment tasks

Task description

Current bid: 1.3 / 1000

Demand: 50% Demand

Minimum plugin version: 3.14

☐ Receive tasks

Captchas

Start Working

My Stats

My Errors

Top Workers

System Stats

Finance


Settings



Referrals

Tools

Information

~\$ kolotibablo.com | Your stats

YOUR STATS

 [Start working](#) \$0.0029 


Pending payments for image captchas:
You have to input at least 500 captchas for the last 48 hours to bypass moderation. You will receive payment for these entries only after our moderator checks them.

date	volume	\$ earned	\$ bonus
2 Jun	1	0.000420	0.00000000

All captcha types

Captchas pending moderation: \$ 0.0004, 1 captchas

date	volume	\$ earned	\$ bonus *	refunds **
21 Jun	0	0	0	-
20 Jun	0	0	0	-
19 Jun	0	0	0	-
18 Jun	0	0	0	-
17 Jun	0	0	0	-
16 Jun	0	0	0	-
15 Jun	0	0	0	-
14 Jun	0	0	0	-
13 Jun	0	0	0	-
12 Jun	0	0	0	-
11 Jun	0	0	0	-
10 Jun	0	0	0	-

 Captchas


[Start Working](#)


[My Stats](#)


[My Errors](#)


[Top Workers](#)


[System Stats](#)

 Finance

 Settings

 Referrals

 Tools

 Information

~\$ kolotibablo.com | Top workers

K

TOP 5K WORKERS LIST

🇬🇧 Start working \$0.0029

🔗

7 DAYS TOP WORKERS

You are not present in Top 5K List

	position	captchas	money	Recaptchas/Images
🇺🇸	1	63117	\$55.96	\$55.96 / \$0
🇺🇸	2	71616	\$55.38	\$55.38 / \$0
Hong Kong	3	68340	\$54.2	\$54.2 / \$0
🇺🇸	4	54255	\$53.9	\$53.9 / \$0
🇷🇺	5	54715	\$53.62	\$53.62 / \$0
🇨🇦	6	53832	\$53.48	\$53.48 / \$0
🇷🇺	7	54456	\$53.39	\$53.39 / \$0
🇺🇸	8	60370	\$53.38	\$53.38 / \$0
Hong Kong	9	66479	\$53.32	\$53.31 / \$0.01
🇸🇰	10	59109	\$53.18	\$53.18 / \$0
🇸🇰	11	53261	\$52.89	\$52.89 / \$0
🇷🇺	12	53665	\$52.83	\$52.83 / \$0
🇺🇸	13	51849	\$51.52	\$51.52 / \$0
🇧🇩	14	61400	\$51.11	\$51.11 / \$0.01
Hong Kong	15	65778	\$51.02	\$51.01 / \$0.01

🕒 Captchas

Start Working

My Stats

My Errors

Top Workers

System Stats

💰 Finance



⚙️ Settings

🔗 Referrals

🛠️ Tools

📄 Information

~\$ kolotibablo.com | Your typing errors

 YOUR TYPING ERRORS 🇬🇧 [Start working](#) \$0.0029 

Your account has several errors on file!



Please type more carefully, otherwise your account will be automatically banned.

1. Your account might get banned immediately if our moderator finds a rude error among your answers.
2. Automated quality control gives every user different chances, depending on monthly typing volume.
3. We reserve the right to do an immediate ban if we see that mistype is done intentionally.


Thus the best rule you can follow: be attentive, provide exact answers and you will never have any problems. (And we too with our clients).

Errors ratio: 2 errors / 4 (50%)

Appeal points left: 1

captcha	your answer
<p>Select all squares with: airplane. Cell numbers are 0-8.</p> 	<p>airplane: skipped control captcha! Correct answer: 2</p> <div>mark as read remove 0.02 USD remove 200 RP</div>
	<p>pmwcm Correct answer: PMWCM</p> <div>mark as read remove 0.02 USD remove 200 RP</div>

new error

 Captchas


[Start Working](#)


[My Stats](#)


[My Errors](#)


[Top Workers](#)


[System Stats](#)

 Finance




 Settings

 Referrals

 Tools

 Information

~\$ kolotibablo.com | Unban accounts

 UNBAN ACCOUNTS  [Start working](#) \$0.0029 

RP Balance

2


Balance in recaptcha points. You can earn these points by solving recaptchas via web interface or desktop application.


Unban myself


Unban your account and restore access to image captchas. Cost: 2,000 recaptcha points.


Unban others


Unban account of your friend. Cost: 2,000 recaptcha points.

 Captchas

 Finance


 Settings

 Referrals



 Tools

Gmail Pumping

Fingerprint Check

 Information

~\$ kolotibablo.com | Top referrers


 TOP100 REFERRERS 🇬🇧 [Start working](#) \$0.0029 


Oops, it seems that you are not taking part in this top list :(Generate a referral link and get paid by referring other workers!


[Start earning money now](#)


TOP MONTHLY EARNING REFERRERS

Place	Name	Montly Earnings
1	*****	\$288.58
2	*****	\$266.34
3	We Can Do It	\$255.18
4	We Can Do It	\$243.98
5	We Can Do It	\$238.25
6	*****	\$226.98
7	*****	\$176.25
8	*****	\$171.60
9	*****	\$156.85
10	*****	\$144.55
11	Aminurjossore Magir Chele	\$137.38
12	*****	\$124.92
13	*****	\$119.79

 Captchas


 Finance


 Settings

 Referrals


Links & Stats

Top Referrers

 Tools

 Information


~\$ kolotibablo.com | Top referrers



How Much Per Hour? 2Captcha

64K views • 2 years ago


0:00 Intro to 2Captcha.com 0:22 Who can join



2Captcha Earn Money in 2021 make sense?

16K views • 1 year ago

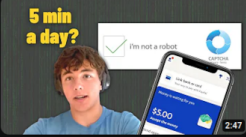
Lets talk about how to make money online v



Typing Job srilanka typing job

165K views • 5 months ago


Today i am took about in Typing job srilanka



5 min a day? I Tried Typing Captcha Solvin

9.9K views • 10 months ago


In this video, I try making money with captch



2Captcha Review: Can You Re Opinion)

1.4K views • 3 months ago


2Captcha Review: Can You Really Earn Mon



Did you mean: getcaptcha job

352 views • 3 years ago

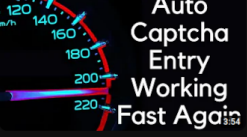
Welcome to my channel Here you will find Kolotibablo Captcha Entry 10



Earn daily \$2-\$3 while you are sleeping - Auto Ci proof- kolotibablo

45K views • 3 years ago


It is completely Free! Say No to FEES! Say No to INVESTMENT! Auto Cai



Auto Captcha Entry Working Fast Again

1K views • 2 years ago


Join Now! <http://getcaptchajob.com/gnospcomrh> <http://getcaptchajob.com>



Is Auto Captcha Entry Working from Laptop / PC

716 views • 1 year ago


Whatsapp No: +923133761487 #owei



Work on multiple Kolotibablo accounts with Auto

11K views • 2 years ago

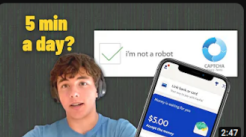
It is completely Free! Say No to FEES! Say No to INVESTMENT! Auto Cai



How Much Per Hour? KOLOTIBABLO

14K views • 2 years ago


0:00 Kolotibablo Intro 0:39 Who can join 1:09 How to earn by solving captch



5 min a day? I Tried Typing Captcha Solving for Money (2Capt

9.9K views • 10 months ago

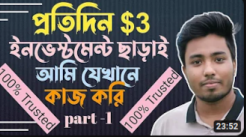
In this video, I try making money with captcha solving on three different web



Captcha Typing Jobs \$15 Per Day Live Work Demo

122K views • 2 years ago


In this video we are going to talk about captcha typing jobs and how to mak



Kolotibablo Earn Money Online Bangla Tutorial I IT

507 views • 3 weeks ago

Kolotibablo Earn Money Online Bangla Tutorial | Payment Proof | Part-1 -Fat



Ngetik Huruf + Angka Dibayar Dollar, Cara Mengha

51K views • 1 year ago

Video kali ini saya akan membahas lagi tentang bagaimana cara menghasi

~\$ DEMO TIME

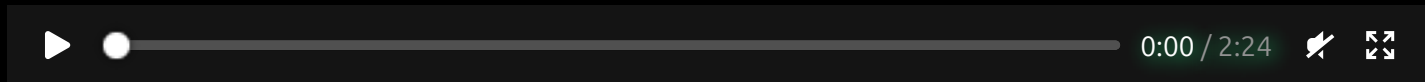
~\$ Solving captchas for profit



0:00 / 2:16



~\$ Solving captchas for fun



~\$ And what about artificial intelligence?

- Can ChatGPT solve CAPTCHAs for you?

~\$ And what about artificial intelligence?

- Can ChatGPT solve CAPTCHAs for you?
 - NO, but it can do this:

~\$ And what about artificial intelligence?

- Can ChatGPT solve CAPTCHAs for you?
 - NO, but it can do this:

VA

Create a Burp Suite extension in Python, which will generate custom Intruder payloads using IIintruderPayloadGenerator API: <https://portswigger.net/burp/extender/api/burp/iintruderpayloadgenerator.html>

In Burp's Intruder, I will use the Pitchfork attack type with custom wordlists. One of the payload sets will invoke our Burp extension, and it will do the following:

- 1) Sent a request to external API to: createTask
- 2) Sent a request to external API to: getTaskResult
- 3) Use JSON response value of ['solution']['gRecaptchaResponse'] to get a payload for Intruder

Remember to use native HttpURLConnection as we are using the Jython environment. The external API documentation is here:

<https://anti-captcha.com/apidoc/methods/createTask>
<https://anti-captcha.com/apidoc/methods/getTaskResult>

Example of the requests in bash:

```
#!/bin/bash
```

```
echo -e "\n[ OWASP reCaptcha bypass PoC ]\n"
```

T

Sure, I can help you with creating a Burp Suite extension in Python using Jython. The following is an example of how you could use the IIintruderPayloadGenerator API in the way you've described.

Please be aware that you will need to replace '**api-key**' and '**site-key**' with your actual keys.

python

Copy code

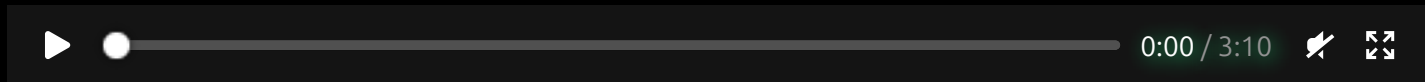
```
from burp import IBurpExtender
from burp import IIintruderPayloadGenerator
from burp import IIintruderPayloadGeneratorFactory

from java.net import URL, HttpURLConnection
from java.io import BufferedReader, InputStreamReader, OutputStreamWriter
from org.json import JSONObject

import time

class BurpExtender(IBurpExtender, IIintruderPayloadGeneratorFactory):
    def registerExtenderCallbacks(self, callbacks):
```

~\$ Solving captchas for fun



THANK YOU !

Any questions ?

github.com/vavkamil/owasp-captchas