FunCaptcha

Overview

CAPTCHA blocks humans, not bots

CAPTCHA is plagued by security flaws that fail to stop bots, and difficult challenges that block humans. Google reCAPTCHA, among others, relies on challenges that have much in common with commercially valuable tasks – such as digitizing books and categorizing imagery. Given the commercial value, an abundance of off-the-shelf software, such as OCR and Image Content Analysis, can solve these challenges faster and more accurately than humans. Consequently, these flaws have supported the perception that CAPTCHA is the wrong tool for stopping automated abuse. Despite the prevailing beliefs, CAPTCHA is the most effective way to stop automation – but only if done right.

Typical reCAPTCHA
Displaying 'hard' puzzle

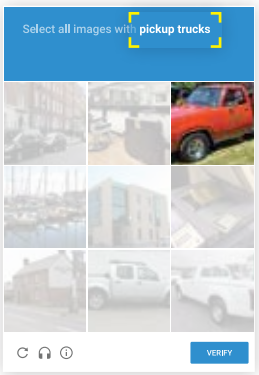
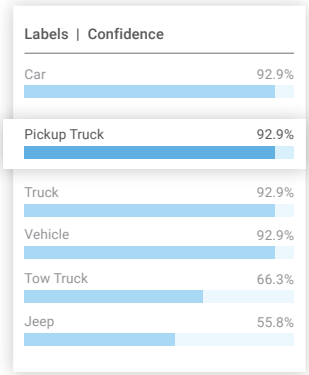


Image Recognition API
Processes each image (base64 encoded) in grid

75%+ Automated Solve Rate
Using AWS Rekognition



Who We Are

FunCaptcha

FunCaptcha is the world's only CAPTCHA service backed by a guaranteed automation SLA, with experts who become a part of your team and existing workflow. FunCaptcha presents a fun visual activity that resists automation, machine learning, client decryption, brute forcing, and sweatshop techniques.

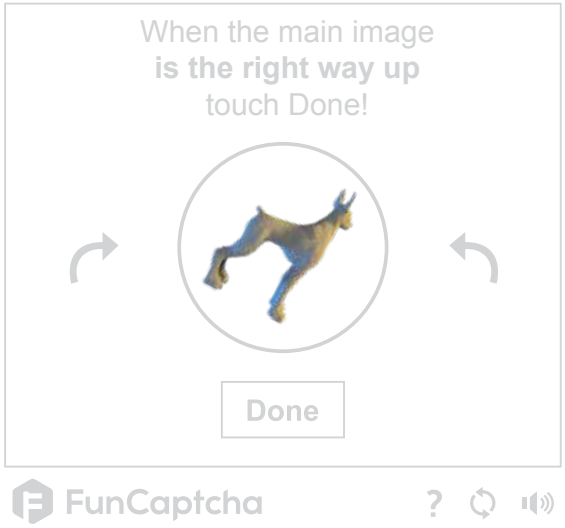
Additionally, dedicated data scientists monitor FunCaptcha traffic patterns 24/7 and respond to threats within a guaranteed SLA; rendering automated abuse inoperative and immediately disarming attackers before they can recoup their costs.

FunCaptcha

funcaptcha.com

How We Do It

3D Model Approach



One 3D Model creates millions of unique images

FunCaptcha uses a patent-pending 3D model approach to create gamified puzzles that leverage gaps in machine vision. Working with researchers, such as Mathworks (MatLab), we ensure that all of our security images are outside the gaps of off-the-shelf machine vision software, forcing would-be attackers to write PhD-level software to attack FunCaptcha. This approach turns one 3D model into millions of unique images by automatically introducing variations such as random noise, changing the camera angle, and shifting the image position. Every security image is generated unique to the user, which makes it heavily resistant to all forms of automated abuse. This approach also makes it easy to undo machine vision and training attacks.

The Highlights

Features & Successes

- ✓ Automation SLA
- ✓ 97%+ Conversion
- ✓ 24/7 Support
- ✓ Sweatshop Defense
- ✓ Real-Time Analytics
- ✓ Curated Reporting
- ✓ Uptime SLA
- ✓ Bespoke Requests
- ✓ Data Transparency
- ✓ 508 Compliance
- ✓ Managed Service
- ✓ Multilingual
- ✓ Custom Images
- ✓ White Labelling
- ✓ Verbose Logging
- ✓ App Supported

We determine the accuracy of the largest anti-bot products in cybersecurity

We eliminate chat spam on the messenger used by 40% of U.S. teenagers

We block ticket fraud for the world's largest ticket marketplace

We wipe out cheating on the world's best-selling sports game