

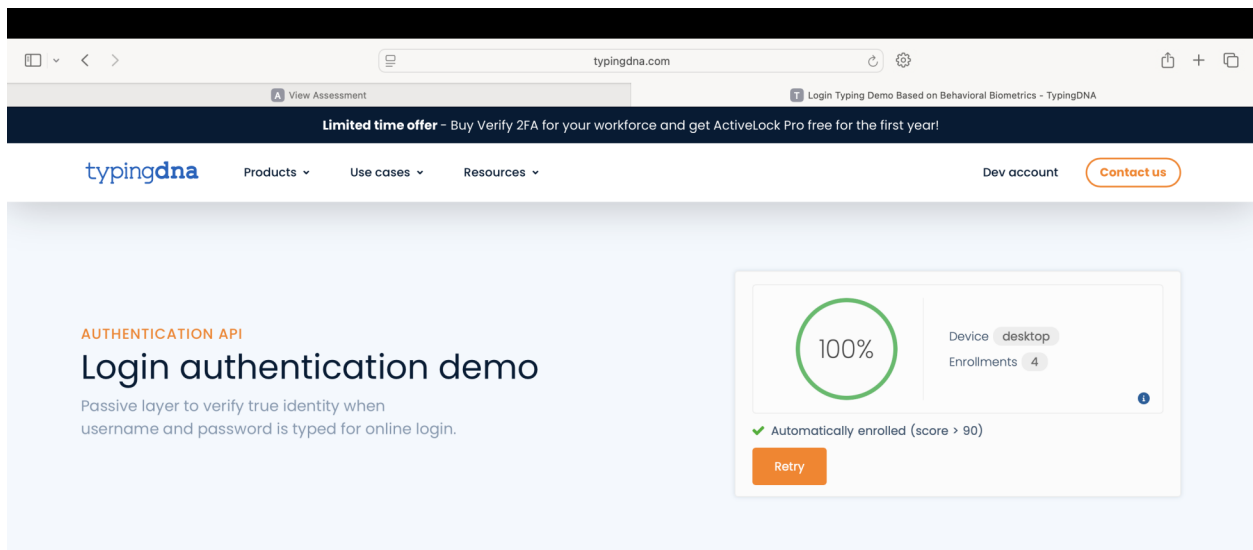
Security Lab 12 – Authentication

Fundamentals of Information Security: Cybersecurity (88252)

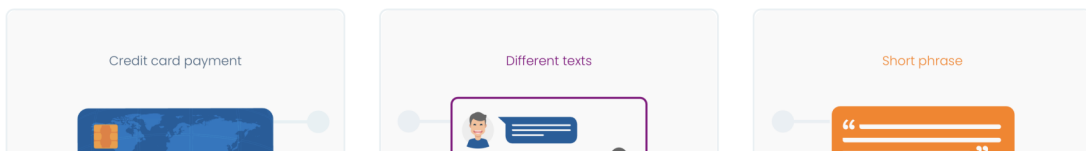
Ana Herrera Flores

Authentication API

First Try:



Try other demos



I got 100% on the first try.

Second try:

typingdna.com

View Assessment Login Typing Demo Based on Behavioral Biometrics - TypingDNA

Limited time offer - Buy Verify 2FA for your workforce and get ActiveLock Pro free for the first year!

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AUTHENTICATION API

Login authentication demo

Passive layer to verify true identity when username and password is typed for online login.

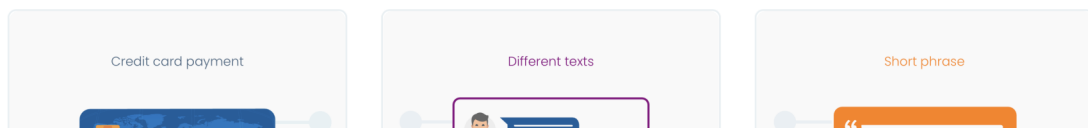
72%

Device desktop
Enrollments 4

Enroll this typing behavior to increase the accuracy for further authentication.

Retry

Try other demos



In this attempt, I altered my cadence and got 72% approval.

Third Try:

typingdna.com

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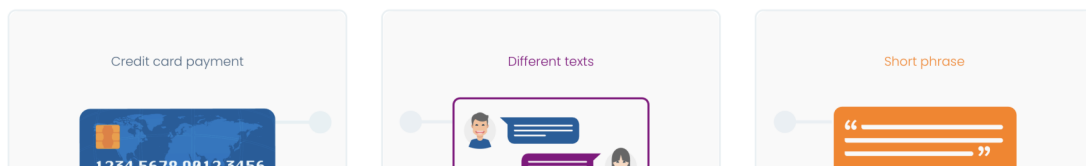
2%

Device desktop
Enrollments 4

Try again Share demo

Twitter Facebook LinkedIn

Try other demos



In this attempt my mom did it for me and got a 2%.

Under Try other demos, select one or two different demos, and determine the results. If possible, have your friend register and try to imitate their typing cadence.

Credit Card Payment Demo

First try:

typingdna.com

View Assessment

Card Payment Demo With Typing Biometrics - TypingDNA

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AUTHENTICATION API

Credit card payment demo

Go through an online payment scenario that verifies how you type credit card credentials. The invisible typing security layer clears any doubt about fraudulent activity.

94%

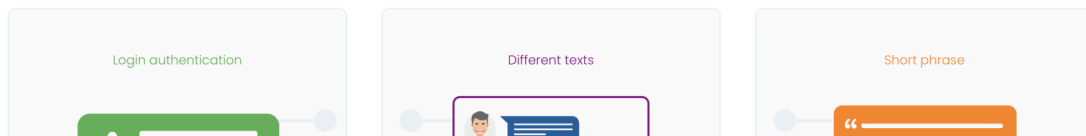
Device desktop
Enrollments 2

✓ Automatically enrolled (score > 90)

Retry

Learn about how [financial services](#) can reduce fraud with TypingDNA

Try other demos



This was my first attempt, and the score was 94%.

Second try:

typingdna.com

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Card Payment Demo With Typing Biometrics - TypingDNA

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AUTHENTICATION API

Credit card payment demo

Go through an online payment scenario that verifies how you type credit card credentials. The invisible typing security layer clears any doubt about fraudulent activity.

72%

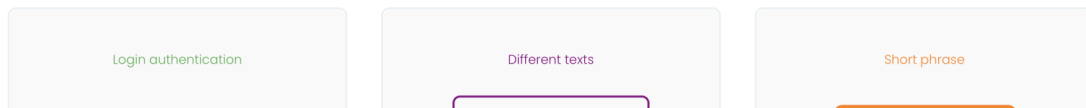
Device desktop
Enrollments 2

Enroll this typing behavior to increase the accuracy for further authentication.

Retry

Learn about how [financial services](#) can reduce fraud with TypingDNA

Try other demos



Changing the cadence of my writing and the score was 72%.

Third Try:

typingdna.com

View Assessment

Card Payment Demo With Typing Biometrics - TypingDNA

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AUTHENTICATION API

Credit card payment demo

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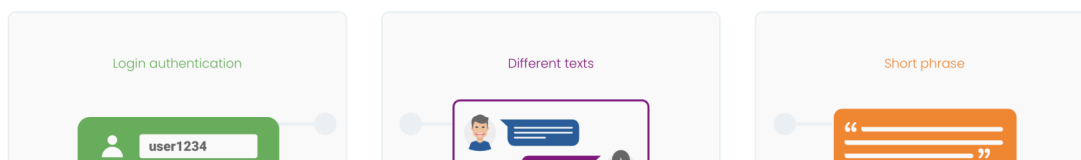
0%

Device desktop
Enrollments 2

Try again Share demo

Learn about how financial services can reduce fraud with TypingDNA

Try other demos



Asked my mom to do it, and the score was 0%.

Short Phrase Demo.

First try:

typingdna

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Limited time offer - Buy Verify 2FA for your workforce and get ActiveLock Pro free for the first year!

AUTHENTICATION API

Short phrase demo

Powered by the new AI-engine

Short phrase verification works with typed texts that need to be the same each time. Uses typing patterns of type 2 (extended) and it's our most accurate method.

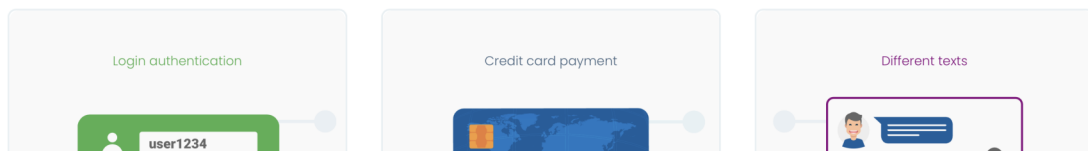
100%

Device desktopEnrollments 4

Automatically enrolled (score > 90)

Retry

Try other demos



First try I got 100%.

Second try:

The screenshot shows the TypingDNA website interface. At the top, there's a navigation bar with the TypingDNA logo, links for Products, Use cases, and Resources, and buttons for Dev account and Contact us. A banner below the navigation bar promotes a limited time offer. The main content area features a 'Short phrase demo' section. It includes a heading 'AUTHENTICATION API' and 'Short phrase demo', followed by the text 'Powered by the new AI-engine'. A paragraph explains that short phrase verification works with typed texts that need to be the same each time. To the right, a circular progress indicator shows '100%'. Below this, a table displays 'Device: desktop' and 'Enrollments: 6'. A green checkmark indicates 'Automatically enrolled (score > 90)', and a 'Retry' button is present.

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Short phrase demo

Powered by the new AI-engine

Short phrase verification works with typed texts that need to be the same each time. Uses typing patterns of type 2 (extended) and it's our most accurate method.

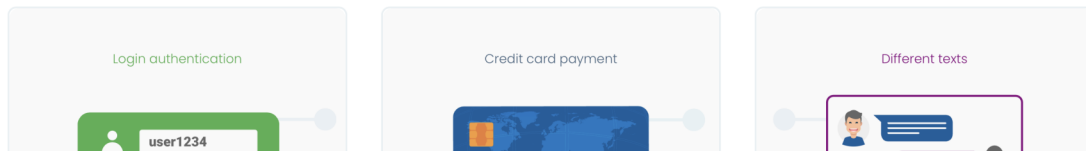
100%

Device desktop
Enrollments 6

✓ Automatically enrolled (score > 90)

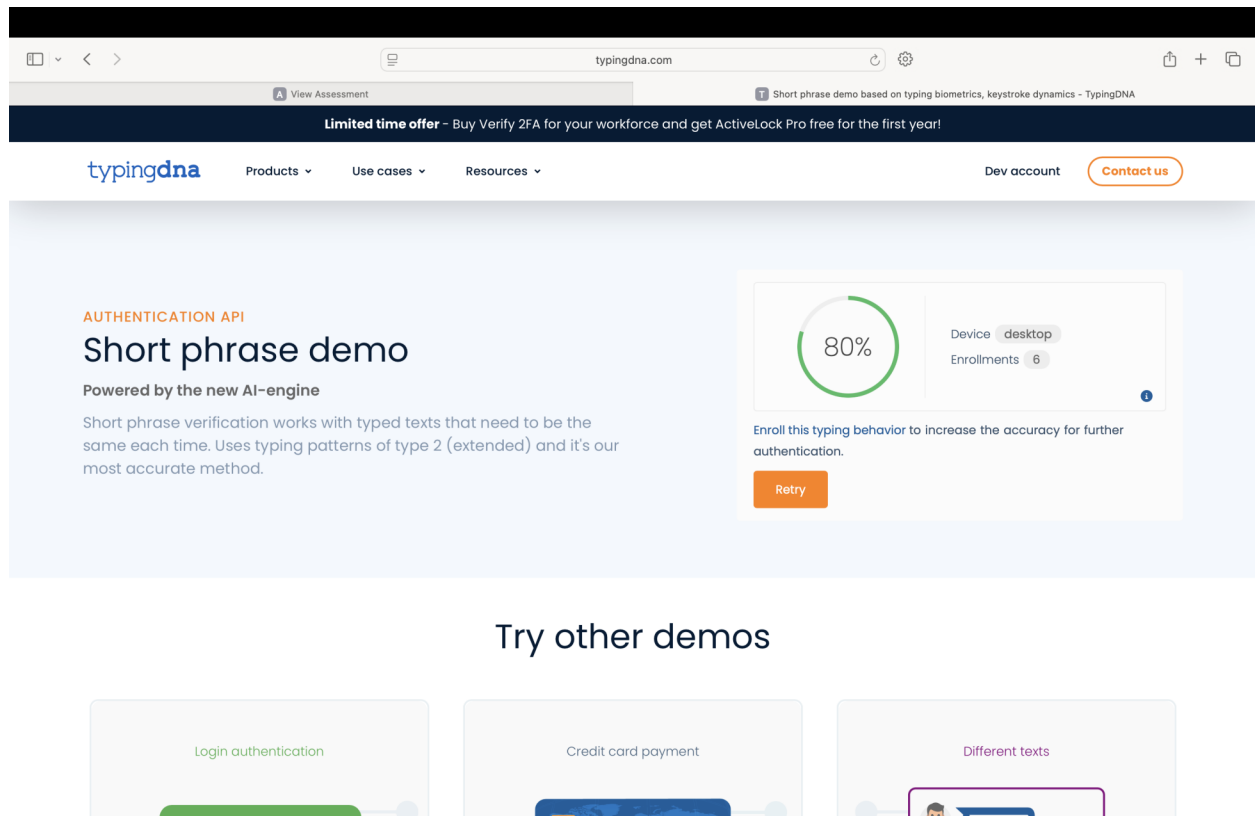
[Retry](#)

Try other demos



In the second try, even when I change the cadence, I still got 100%.

Third try:



My mom tried the third attempt and got 80% authentication.

How reliable would you consider this technology to be? How useful could it be?

- I think this technology is interesting, and can be a feature in authentication, but we shouldn't relay the whole authentication process to it. Even though some of the results are pretty good, we can see that if one day our cadence is altered (tiredness, excitement) this technology can produce a false negative (Authentication API, Credit card demo). In the other hand if someone has a similar writing speed to us,