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Is there any problem with USC University professor and Pinscreen CEO Hao Li?

<http://www.sadeghi.com/dr-iman-sadeghi-v-pinscreen-inc-et-al/> This matter has been paid attention to by the domestic media. display all

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44 answers

The default sort dropdown



Anonymous User

235 people agreed with the answer

Some answers suggest that we should give full play to the spirit of practice, so I will practice it here.

I still choose some more common examples, here is Pinscreen version 2.0.1 of iOS. The input is on the left and the output is on the right. In order to show fairness, the examples used here are no occlusion, no glare, and the expression is not exaggerated.

such as,

1. Lord Xun. This one is actually a better result of what I tried.



2. As for this, I don't know how to evaluate it.



3. This is true. . . Not so good. Especially when the forehead is exposed in the original picture, the connection between the hair and the forehead seems to be prone to problems. And the loose ends of hair are completely lost.



4. Master Fei said what the hell this is.



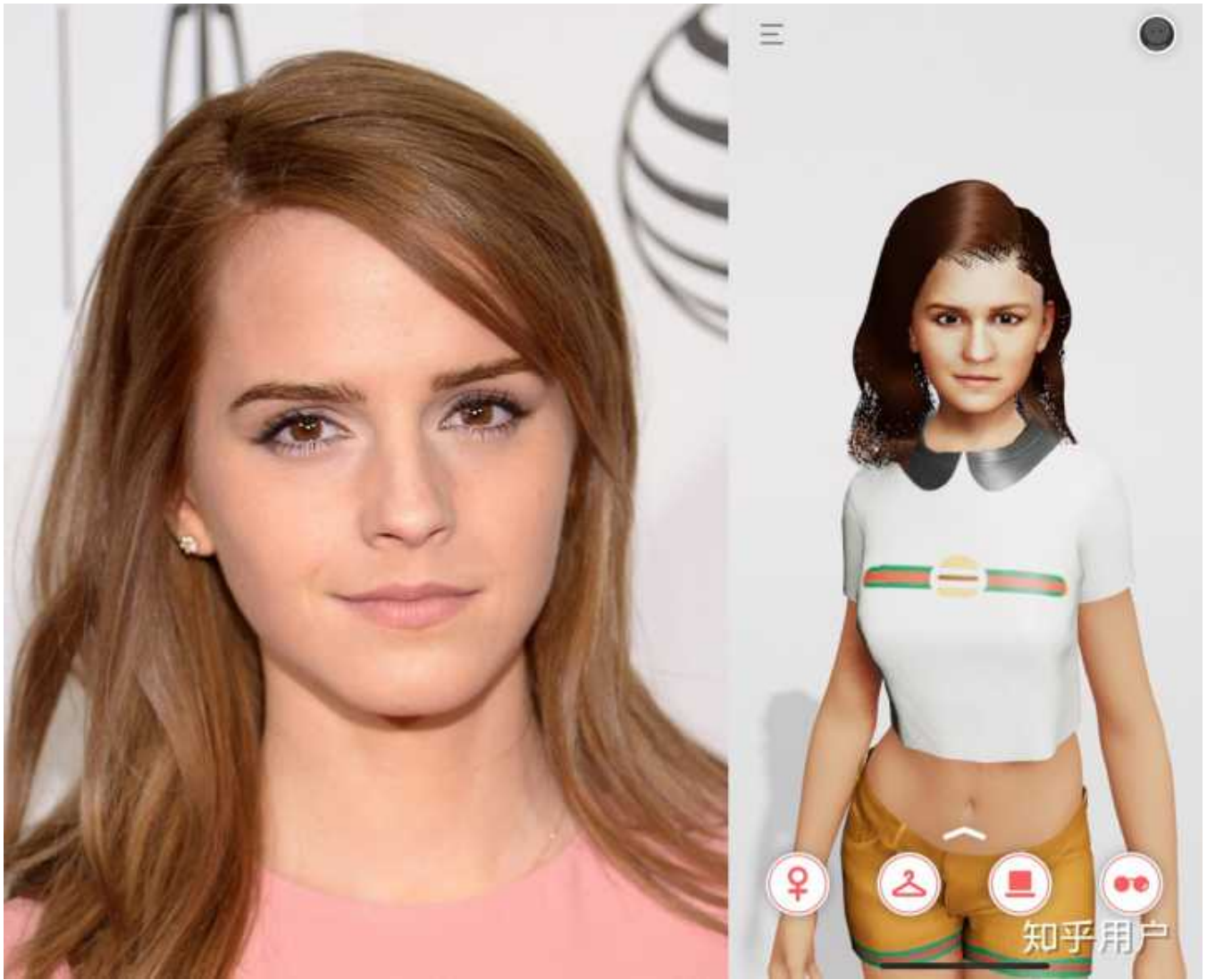
5. Ishihara's hairstyle is still different.



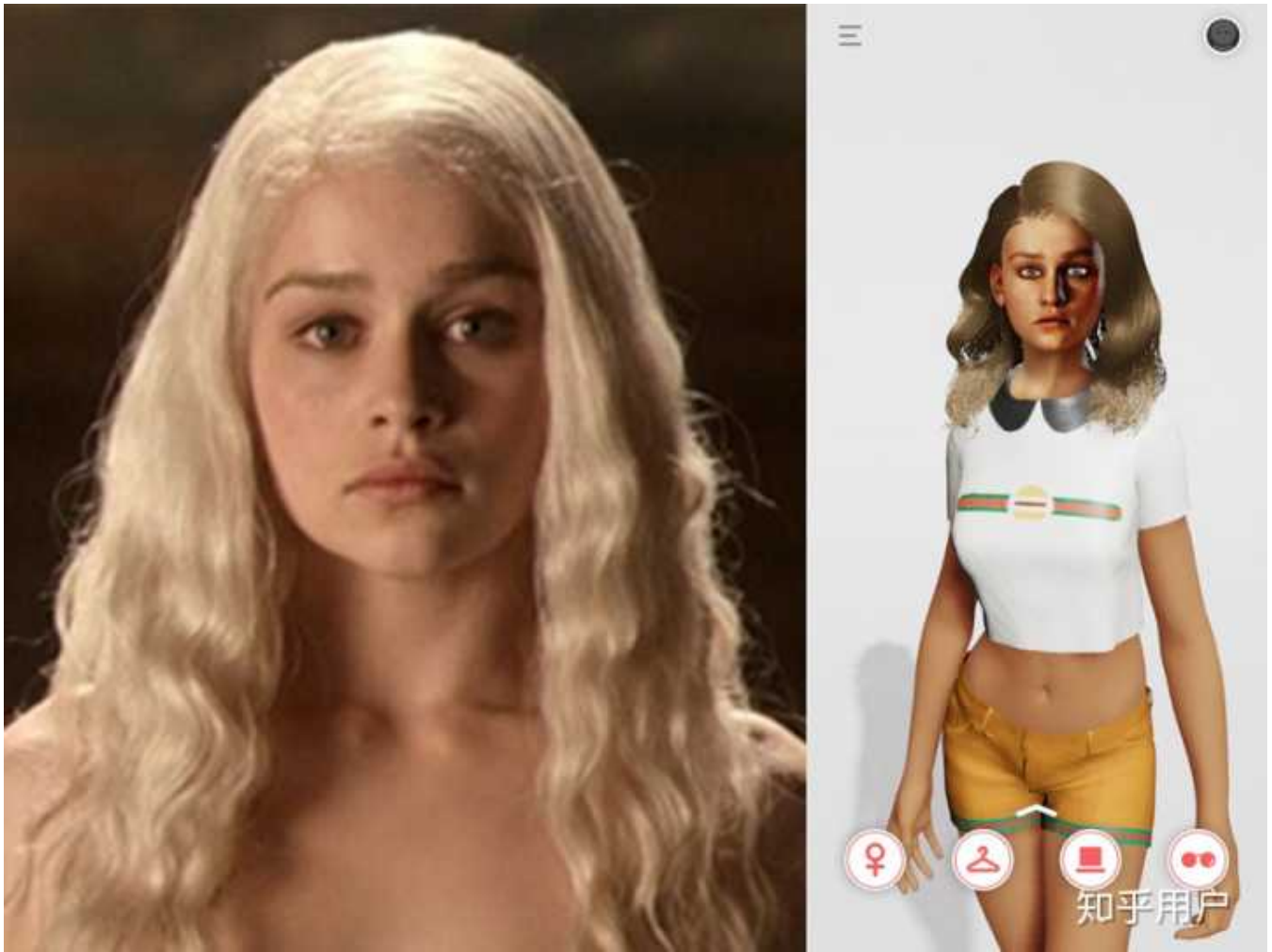
To be reasonable, this kind of result is not enough for SIGGRAPH. And this is after it has been commercialized. You told me that SIGGRAPH time is tight and you have no polish, so the quality is limited. Everyone can understand, but now it has been a year since SIGGRAPH ASIA 2017, and the results in the product are still very bad.

Some students in the comment area suggested to try it with European and American people.

1. Emma Watson, this face is much better than Asian matches, at least looking at the one on the right, you can think that this looks a bit like Emma Watson. But the hairstyle is still not right.



2. Long Ma, the face is still not right, and the hairstyle is strange.



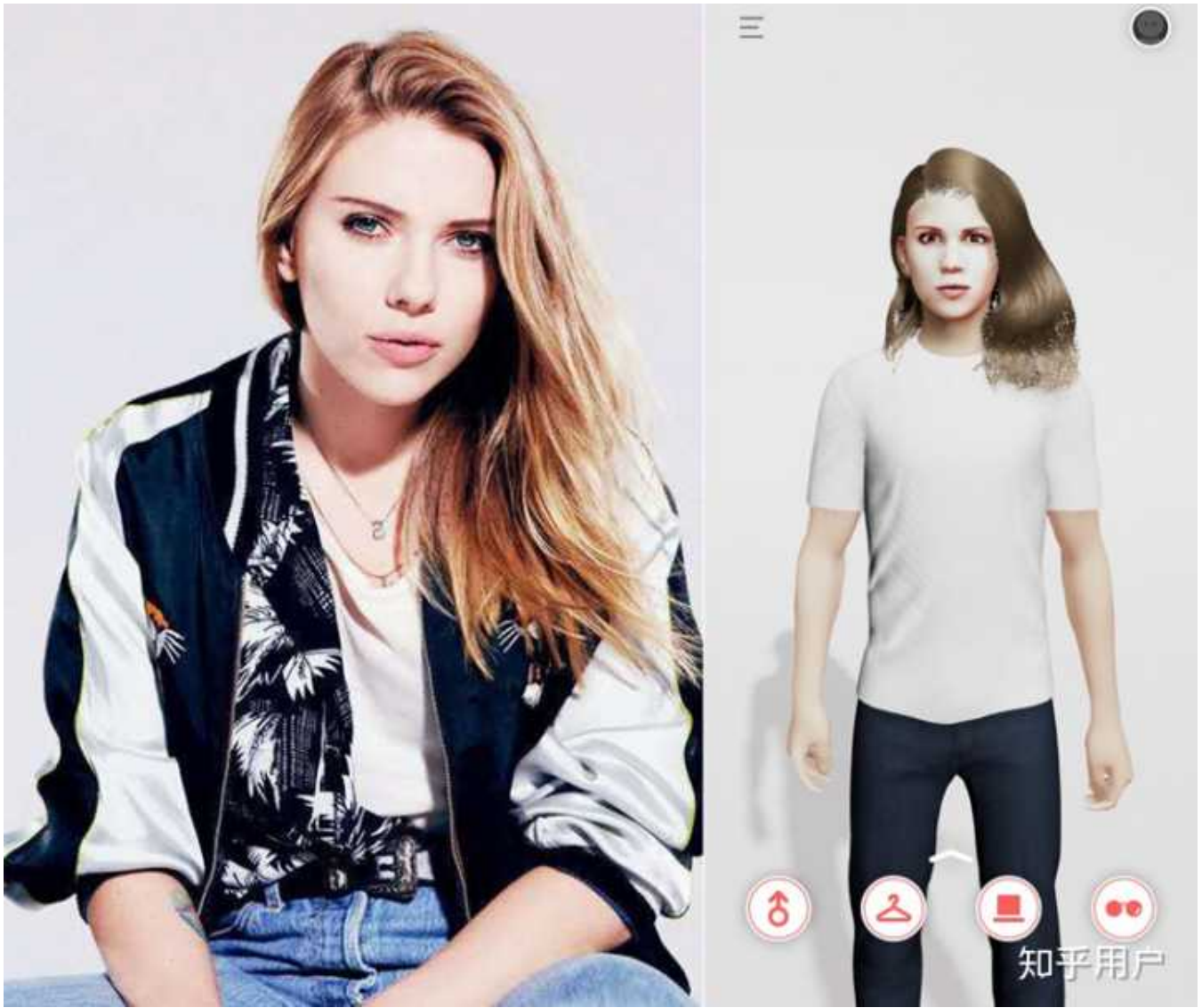
3. It has to be said that the matching of European and American faces is indeed much better, but the hair is slightly longer and cannot be captured.



4. A slight deviation will cause problems, and the hair will cover the face and it will not be handled well. In addition, the part of the long hair that crosses the shoulders is still missing.

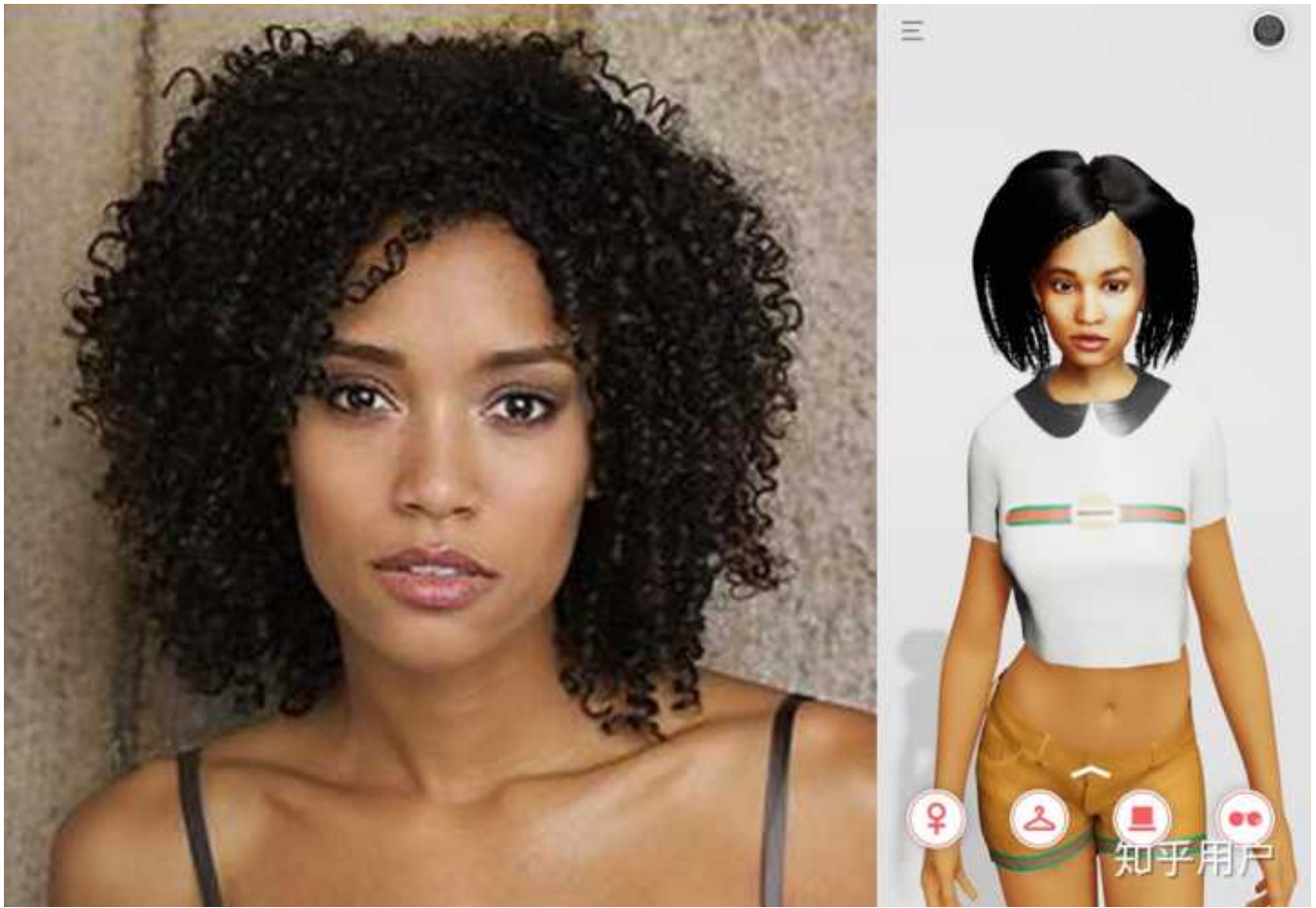


5. This is the best way to capture face shape. The top part of the hairstyle is roughly correct, but the ends of the hair are still not captured.

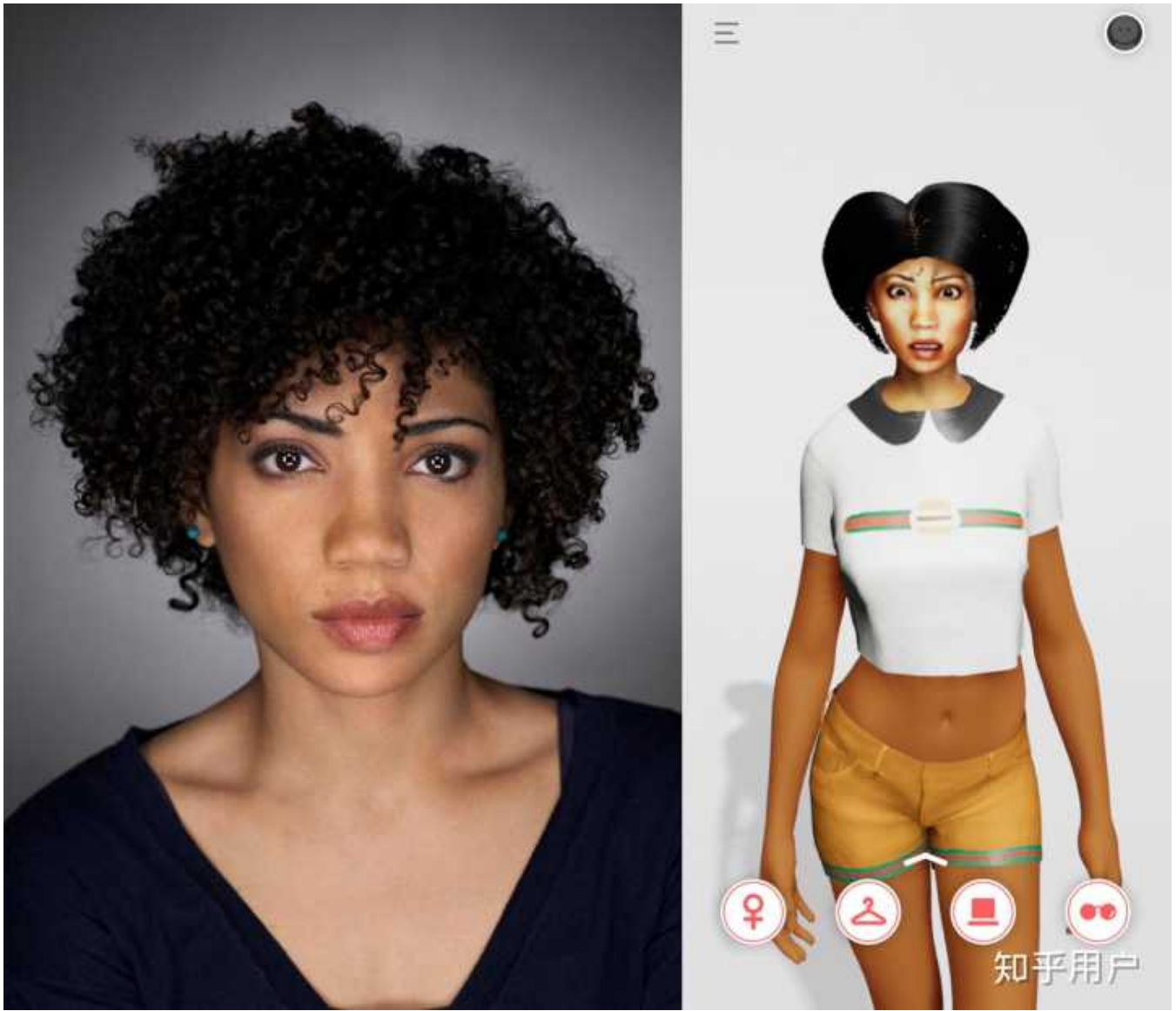


Let's make it a little more difficult and try African Americans.

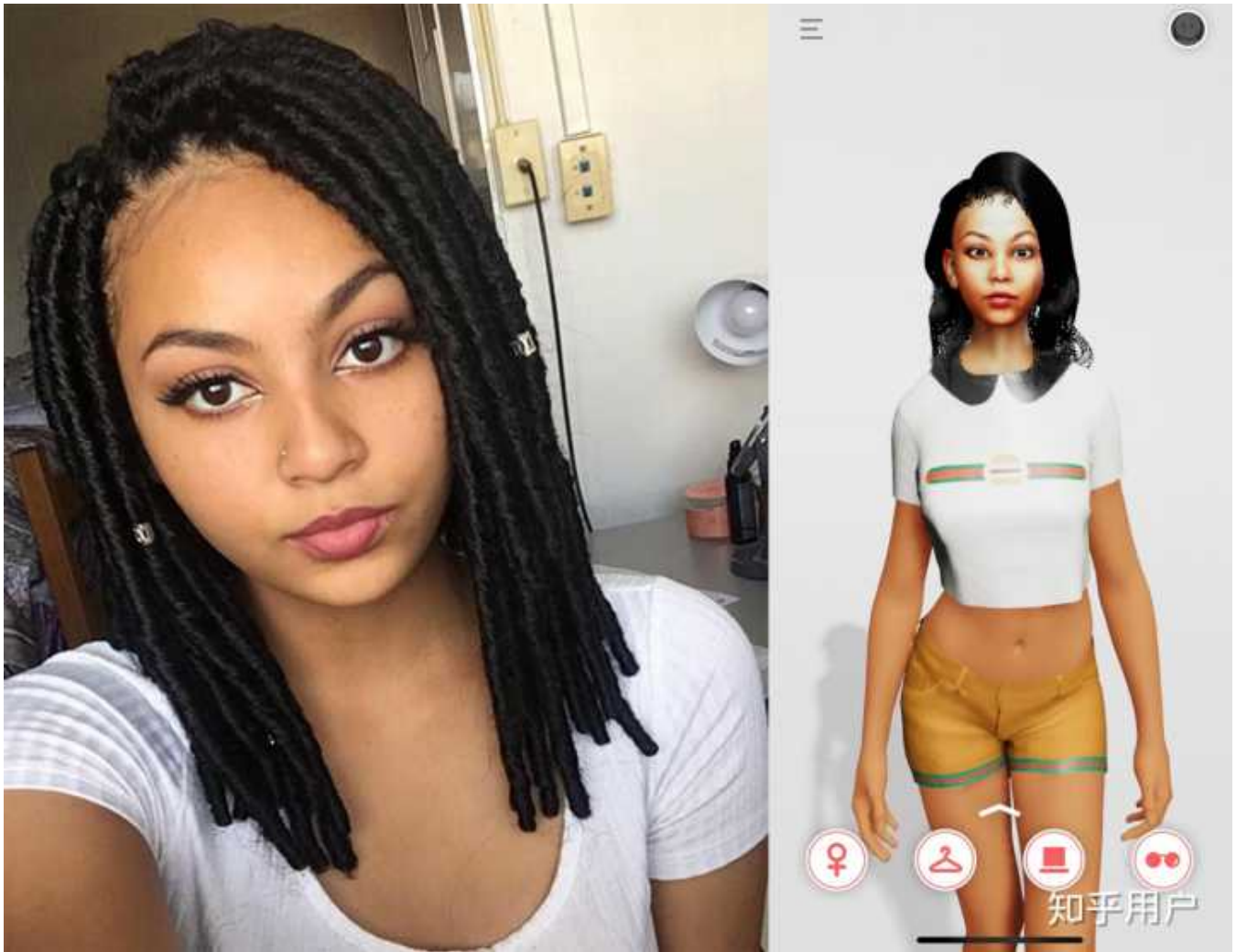
6. The common curly hair of African descent can't be captured at all. It is estimated that the algorithm does not consider this aspect.



7. When there are more curly hair, the algorithm is completely powerless. And the hair cut was not clean, it went to the texture of the face. It can only match the approximate color block shape.



8. The face matching is really good. For the manually processed hair strands, there is still nothing that can be done, and the estimation algorithm does not consider these conditions.



Conclusion: It is estimated that the Asian population is a priori wrong, and the face shape is generally very strange. Europeans and Americans have fared better in this regard. If the hair is slightly longer, it will generally cause problems. The common curly hair and multiple hair strands of African descent are not considered at all or not in the training data.

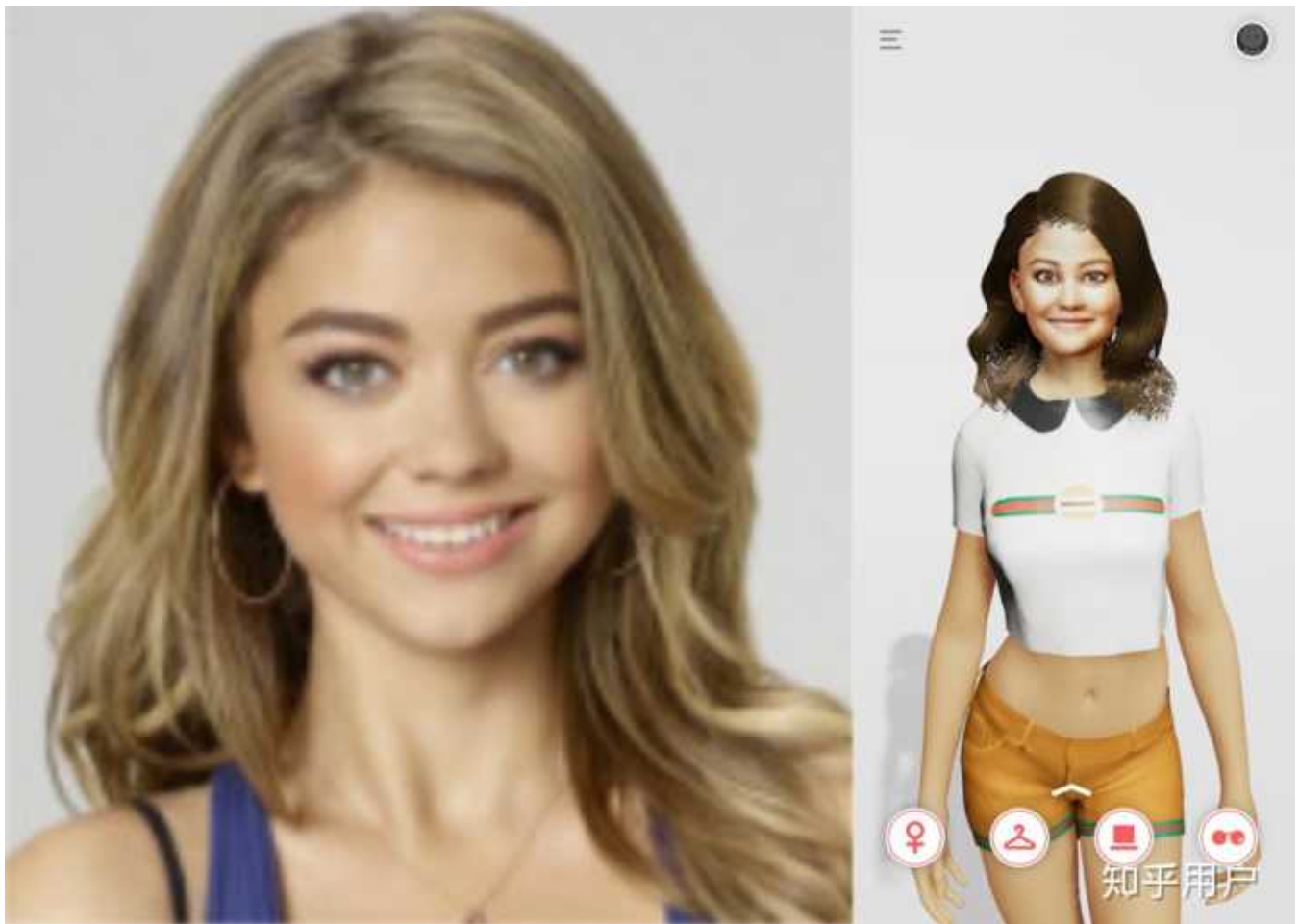
One of the key problems is that the long hair generated by this app generally cannot be carried over. I am really curious why. Because they showed that they can do long hair over their shoulders during Real Time Live, this is the picture below.



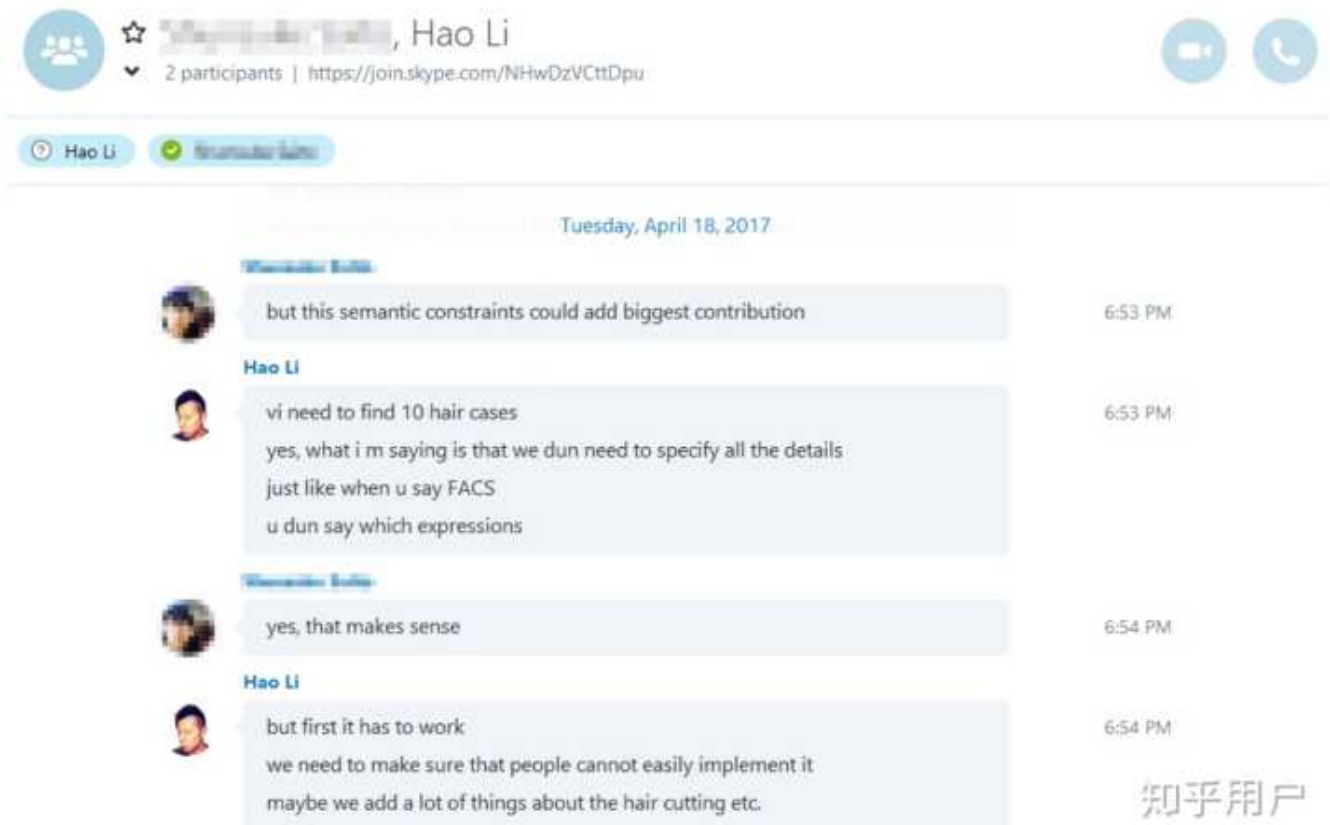
**Haley Dunphy
(Fictional Character)**

知乎用户

Okay, then we might as well try to input the left one into the App to see if it's better at the moment, and whether the long hair can pass the shoulders.



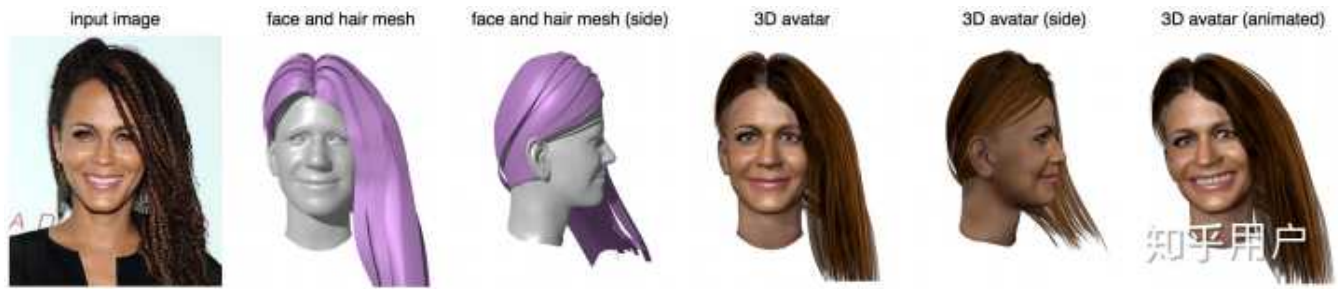
The output is like this on the right. First of all, there is a significant difference between this and RTL. Of course, it may be because of improvements, but why the characteristics of long hair over the shoulders have been changed? We noticed that there is such a screenshot of Skype, which says that some hair cutting should be added to prevent people from recurring. . . emm, I don't know if this is the case.



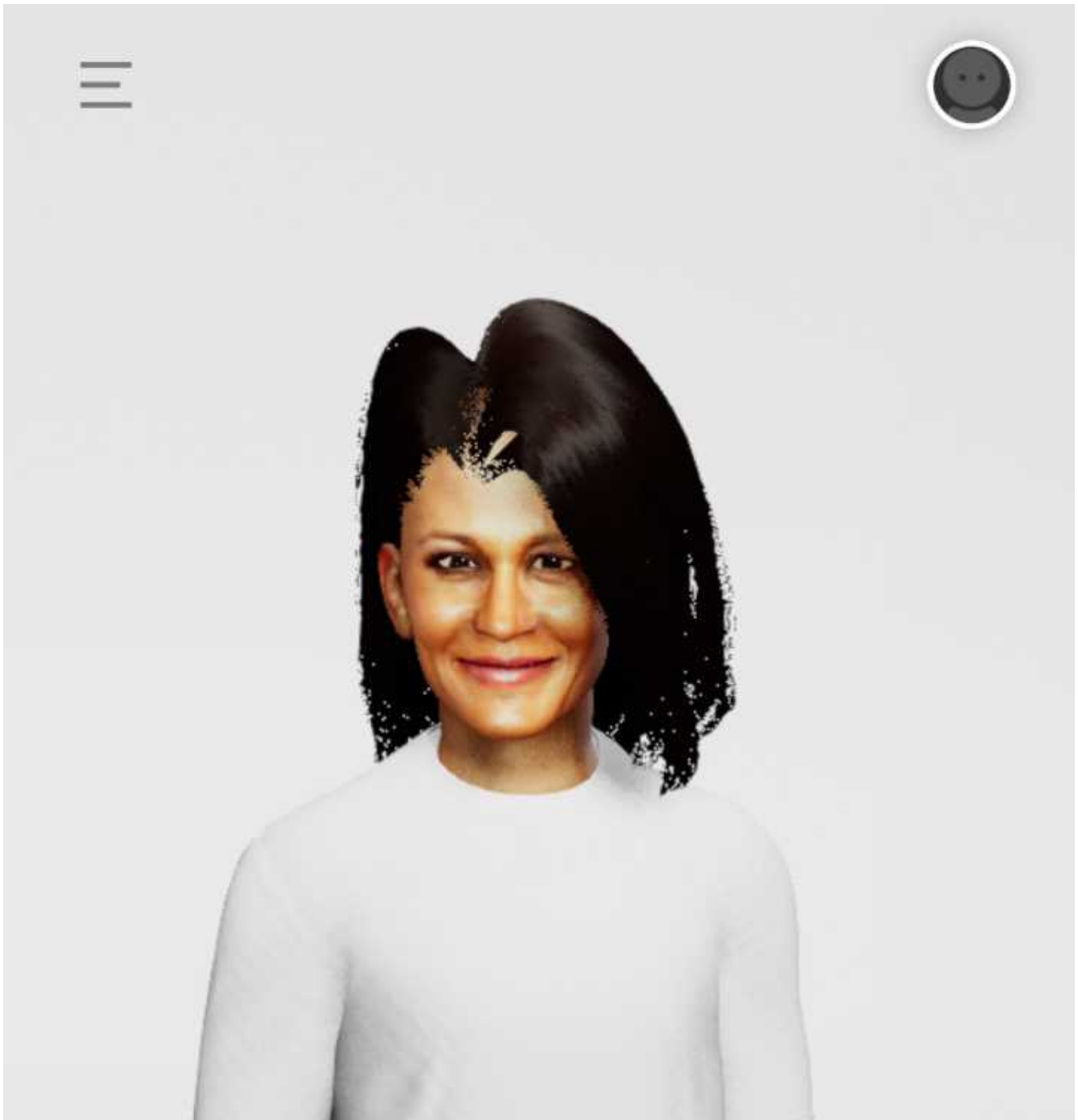
Therefore, either long hair can not be done over the shoulders, and the result of RTL is problematic; or hair cutting is done later. So which one is it?

Some students said that we still need to use the paper to explain the problem better, so let's try the paper.

An example is given on page ten of the paper.



We use the leftmost avatar as input, and the result is this:





Therefore, some students said that the mobile terminal has removed some algorithms for performance. How many algorithms have been reduced on this mobile terminal, resulting in such a big difference?

And some students also said that the artist's manual modeling is about preparing the database, how does the reduced algorithm affect the search in this database?

=====

In addition, a few words are related to the people eating melons. In Iman's complaint against Li Hao, there is a record of more than 120 pages:



Saturday, February 4, 2017

Hao Li
hello
one of our tasks is to map segmented hair images to 3D hairstyles
here is a paper that is kinda related
but not exactly what we want
don't share it

3:11 PM

...



Saturday, February 4, 2017

Hao Li
 c118-f118_2-a523-paper-v1.pdf

3:14 PM

知乎用户

Hao is one of the reviewers of this article. During the review period (SIGGRAPH 2017 is the deadline on January 18th, the review results on March 6th, this screenshot is February 4th) to share the article with outsiders, This is a serious violation.

And all the articles Iman has posted are for rendering. Anyone familiar with SIGGRAPH reviewers knows that Iman who is doing rendering has no chance of being exposed to reviewing articles for hairstyle classification. If it were not shared, he would never I know that someone has voted for such an article on SIGGRAPH, so this is not clean.

The title of this article with submission number 523 in SIGGRAPH is (link to PDF):

[Hairstyle pattern recognition based on CNNs](#)

It can be seen that after being killed by the SIGGRAPH reviewer, the author submitted a conference called SMC and was included.

Here is a reminder to the people who eat melons, if your article is killed, hurry up to find a smaller conference/journal and submit it, or you will encounter this kind of reviewer and you won't know how it died after being scooped.

It is said that in the indictment submitted to the court, Skype screenshots may be PS's that cannot be used as evidence. Do you really know what a forensic investigator does? I wonder if Microsoft can provide a record of all Skype conversations on the server with a search warrant?

Hao Li said in the [school media report](#) on October 30 :

Li doesn't refute the existence of the screenshotted messages, but he said in a recent email to Annenberg Media that they are easy to misinterpret.

"The messages and screenshots are presented in a manner that allows them to be taken out of context quite easily," he said in the statement and declined to share more details while the lawsuit is being reviewed.

Here, translate the bold sentence: **Li did not refute the existence of the screenshot message, but he said in a recent email to Annenberg Media that they are easily misunderstood.**

So you see, the parties don't deny that Skype's chat records are true, and those who say it's PS's scrubbing can stop. Hmm, I am looking forward to seeing completely unexpected explanations, such as the sentence We need to make sure that people cannot easily implement that in the screenshot above. It's marked as "cannot".

Oh, by the way, the monitoring records of the company lobby are released, and those who can read it can watch it on Youtube:

https://youtu.be/cNm699anKGo_youtu.be



Cut a few pictures:



Hao and Iman take the elevator downstairs together

Camera 10

352x240



Hao opened his arms to block Iman



Out of the company lobby, Hao rushed up to hit Iman, and he could see that both of them were Wangbaquan routines, and their kung fu was not good. But Hao has a younger brother, two to one, Iman will lose.



Iman was defeated, fell to the ground, and Hao's younger brother grabbed his backpack, presumably to grab the computer. Hao cheered behind

Well. . . Really violent. This tells us that before joining a startup company, we must learn kung fu first.

[Edited on 2019-02-18](#)

▲Agree 235 ▼ ●58 comments

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Anonymous User

25 people agreed with the answer

I even [read](#) this classmate's answer [@魏凌宇 on Zhihu Daily](#), and felt that my brain was insulted.

You said that Iman was deliberately misleading, isn't your answer also changing the subject, why not answer directly what cheating means? What kind of scenarios can make a USC AP use this word? I really can't imagine. If there is no problem with your work, then you will come to the real hammer? There are all about this and that, but you don't put any evidence. Are you stupid?

[Published on 2018-07-21](#)

▲Endorsed 25 ▼ ●1 comment

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[Wei Lingyu](#)

One crowd of onlookers

321 people agreed with the answer

Related Interests: Hao's PhD student, will soon join Pinscreen. Iman worked together for a while after joining the company.

=====

This incident finally spread to Zhihu... I feel that as one of the few people who can write Chinese and understand the whole thing, it is necessary to clarify the facts to the Chinese community.

First, I will try to explain clearly the ins and outs of this matter. If you have any questions, you can comment, I will answer them below.

=====

In one sentence, Iman Sadeghi's statements are mostly fabricated. Part of the so-called evidence he provided was forged by himself using PS, and the chat records were also cut out regardless of the context.

In addition, regarding the issue of false papers and false product promotion, we have already released an iOS application with the same name as the company on the Apple App Store (US area, no Chinese version) six months ago. Anyone can take a selfie with their mobile phone and get instant information from the server. The generated 3D model. The company's subsequent promotional pictures, videos, etc. are all directly intercepted by the mobile phone. If you have any questions, you can try it yourself.

U.S. application link:

<https://itunes.apple.com/us/app/pinscreen-instant-3d-avatars/id1322184255> itunes.apple.com



Iman was fired because he took a long time off after entering the job, did not participate in actual work (almost no code written and reviewed other people's code), and whitewashed other people's work results as his own (full value of the skill of fishing in troubled waters, this It can really be written all day long), harassing other employees, causing strong dissatisfaction among most employees, and so on. If you really want to gossip/understand the details, open another question.

I was not there on the day of dismissal, but the company's elevator and closed-circuit television in the lobby recorded the whole process. From the video I saw, he tried to steal the company's assigned work notebook, and clashed with the security guard and several employees, hurting people. The security immediately called the police. Finally, the police car and fire truck arrived, the company retrieved the notebook, and Iman left by himself.

=====

The last thing to note is that the company has already explained the truth to the school and ACM. And legal action has been taken. The current state I know is that Iman's first lawyer has given up on helping him with the lawsuit. He recently found a second lawyer to negotiate with Pinscreen.

=====7/18 update =====

Regarding the screenshot evidence, we have forwarded all the materials to the lawyer, and I cannot post it here without the lawyer's permission. But it can be briefly explained that our papers and RTL have a history of the code, and the results are completely reproducible. At the same time, Pinscreen has always visited many companies (investment banks, film companies, game companies, etc.), and some people have seen the company's internal display before the deadline for the paper. They have also expressed their willingness to testify.

Regarding the quality of the generated avatar that you have seen... Indeed, our algorithm is not perfect. The current result must be far from the manual model in the movie (someone mentioned the uncanny valley), but compared to peers In terms of products, it is indeed state-of-the-art. For the paper, the effect of the article is basically the same as the App, and the academic contributions made in this process are also confirmed by peer review. There are several reasons for the difference between the results of the App and the paper. One is to support the parallel calculation of multiple models on the server side. We have simplified the algorithm and removed the steps that take up too much CPU. Second, due to the limitations of mobile phone hardware on mobile phones, our shader has also been simplified. Our partner companies, of course, also evaluate us based on the quality of the app. This point does not involve fraud.

=====7/19 update =====

Let me say a few words about the screenshots. Manual processing and cheating/fabrication are two different things, but the screenshots provided by Iman are deliberately misleading, deliberately equating the manual part with fraud.

For example, for hair, many people have already mentioned "training data". If you have basic machine learning knowledge, you know that most of the training data requires manual generation/intervention. There are not enough high-quality hair models on the market, so we hired a modeler to manually build a larger data set. The algorithm in the paper is to find the 3d model that best matches the input through learning, and make adjustments such as deformation. So the execution of the algorithm is not artificial. These have been clearly written in the paper. At the same time, this data-driven (plus refinement) method is also often used in academic circles, such as AutoHair of Zhejiang University.

There are also non-core parts about teeth/tongues, etc. The paper has explained that the same set of assets is used for all inputs. Of course this was done manually, but Iman also claimed that it was a fraud. I can only think that he lacks a basic understanding of algorithms, or is deliberately acting stupid.

In addition, no matter what is said in the chat log or whether it is a joke, it cannot and should not be directly linked to the specific implementation of the paper. I personally look forward to the findings of USC and ACM.

Edited on 2018-07-20

▲Agree 321 ▼ ●81 comments

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people who use Zhihu

55 people agreed with the answer

I am a student of Hao, but I have not participated in the content of his company, and I am not clear about the internal affairs of the company. If my PhD is reasonable, I don't have the problem of working 120 hours every day.

It is a pity that they complained that the conflict between the two parties had risen to this level, and they were both well-known, and they were also people among the scientific researchers who were familiar with the use of social media. It is embarrassing to resort to such accusation methods, which are also known to the public.

The right or wrong of business and legal regulations should be determined by lawsuits. It is estimated that the lawyers on both sides below the table are also operating; the investigation of academic integrity should be decided by the conference, the school's arbitration committee and representatives of the peers. The accusation does not mean guilt. Rumors and records also need to be notarized before they can be distinguished.

From the perspective of a bystander, at this time it is still too early to make a statement about whether it is true or false, and it needs to be determined after the formal testimony and debate of both sides. The court of Jurisdiction was posted on Iman's website. Those who really care about it can watch the trial.

They were also friends in the past. I have had dinner with Iman and I have a fan with Ins (this guy Ins is an internet celebrity), I hope they can find a good way to solve this problem. People say it is awesome, and the academic circle is famous. In my contact with Hao, I think he is a person who is strict with academics and integrity. Hao has always told me that his training for me is not only to improve scientific research ability, but more importantly, to build up your reputation, let others know that you know you, so that opportunities will find you. In addition to scientific research, Hao has indeed helped me establish many connections. Old Hao is quite famous, and I think this matter will inevitably become a joke, and I hope that the students can treat this matter rationally.

Finally, I add a nonsense: I didn't say good things to Hao in this lawsuit because **I really didn't know, and I knew that most of the audience did not know**. I don't know -> I can't speak for Hao, "I can't speak for Hao." What can you teach me? People are responsible for what they say. I sincerely hope that everyone's rich and leap forward imagination can contribute to the times. .

Let me add my comment under Xinzhuyuan. I don't really like to talk about personal opinions, because I think that when evaluating a matter in public, we should be objective, knowing what we know is not knowing what we don't know, and ambiguity will inevitably be biased. It is normal for everyone to have different opinions and even prejudices because of their different positions and experiences. I just hope that I can talk about the two things in Hao in my eyes peacefully and objectively, so as to give you more points for reference:

I am Zeng, a PhD student of Hao. I applied for his PhD when I graduated from undergraduate in 2016. He is a Chinese born and raised in Germany, facing Chinese characters with a dazed expression.

Last winter, before the deadline for submission of the paper at Siggraph, I had a 3D reconstruction of the human body with good results. I was very anxious at the time, because I had to pass the Screen exam in my second year of Ph.D. I had to have one article. The postdoctoral fellows are also happy to help me write thesis together. Our draft at that time had been written, and the article was basically finalized except for the final version of the experimental data and textures. But at a small meeting last week ago I showed Hao that most of the results were okay, but there were a few people who had something like thorns under their elbows that were ugly, and Hao said no, I couldn't vote! I was very sad at the time. Afterwards, a few post-doctoral post-doctors comforted me for a long time, and almost wanted to stop studying. I drove a small sports car in our laboratory. It was dark on time and filled with Los Angeles waves. This is famous haha.

I don't understand Hao's company at all, and he doesn't tell me not to let me do anything in his company. What happens in the end depends on how the court and the academic committee decide. Very sad, I hope Hao can defend himself well. Hao attaches great importance to reputation. He has always told me that besides burying his head in scientific research, he must build up reputation, so that others will recognize your opportunity and find you. He did help me in this way-he introduced me to many seniors in the industry, and he also won me an internship opportunity at Facebook Research. I like photography and painting, so he asked me to talk directly with the engineers and scientists behind Photoshop. When we talked, they were all his "old comrades." Hao is not Chinese. Apart from being reported by the media because of his hair style and acting style, most people in China actually don't know him, and he rarely comes to the mainland. However, people in the industry and academia around me still recognize Hao. Famous.

I think it is inevitable to be questioned no matter what you do, but it is not a bad thing. The important thing is to communicate well and find your own opinions and attitudes in the collision of views. I hope everyone can look at this matter comprehensively and rationally. This is also the spirit pursued by us scientific researchers and scientific media.

[Edited on 2018-07-20](#)

▲Endorsed 55 ▼ ● 10 comments

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Anonymous User

80 people agreed with the answer

Let me talk about my personal opinion: I don't know HAO LI or Iman. But I checked Iman Sadeghi's paper publication records (for example, through DBLP) and found that Iman was also a great person. During his PhD, I published 4 SIGGRAPH papers (3 of which are the first author!), such a record of publications during Ph.D. study period can be said to be quite powerful. His mentor is also a well-known figure in the RENDERING field. So the overall

credentials of Iman Sadeghi are quite good. I also read the long original text carefully (not from [Zhihuli](#)'s random post, but <http://www.sadeghi.com/dr-iman-sad-eghi-v-pinscreen-inc-et-al/>) Including many of the above photos and screenshots of conversations (all screenshots with double text below). Fake such a large number of screenshots and forge the unique tone of HAO LI's speech? I don't believe much in this false statement. I tend to believe what Iman Sadeghi said. (In addition, I personally cannot believe what the USC and the people in PINSCREEN said, so-called parties with conflicts of interest).

[Published on 2018-07-19](#)

▲Endorsed 80 ▼ ●16 comments

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people who use Zhihu

126 people agreed with the answer

If there is only picture evidence, don't stand on both sides, because they are all people who can hit the siggraph, and the skill tree for forging pictures should be full.

[Published on 2018-07-19](#)

▲Agree 126 ▼ ●7 comments

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[Li Yangyan](#)

Write code and run

57 people agreed with the answer

Engage in thesis, over claim, in.

Engage in investment, over claim, in.

Dig the foot of the wall, over claim, pawn.

PS: The original text can be described as academic circle + entrepreneurial circle Ukiyo-e, I strongly recommend that you take a look.

To add: The final ruling of this incident has not come out, so it is still unclear what exactly is going on in terms of ability. What I want to say is that as far as I can see, in the PR of large and small companies, in the papers of major academic conferences/journals (not to mention the ones on arXiv), over claims abound. As people who eat melons, we need to always pay attention to removing the false and keeping the truth. As a scientific researcher, you need to respect science and standards more. In order not to leave a handle to people with ulterior motives, open source-complete-code and data, and achieve-painless-recurrence is excellent.

[Edited on 2018-07-19](#)

▲Endorsed 57 ▼ ●6 Comments

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Anonymous User

33 people agreed with the answer

[@魏凌宇](#) I think your defense is [getting](#) darker. It also allowed some public accounts to smoothly rub a wave of hot spots. The momentum seems a bit uncontrollable.

<https://mp.weixin.qq.com/s/6UTtebVCW7leYMBI1NupoA>

=====

Update,

[@Narci has](#) another student from [Hao](#) .

Both of these students are the co-first authors of the alleged SIGGRAPH Asia paper and the author of the Real time live, and are parties with serious conflicts of interest. You know whether those screenshots of Hao's chat are real or not. As well as those words of Hao, it is clear to you whether the meaning of the context of your chat will be completely changed. To be honest, I have been following Hao's articles and have always taken Hao as my role model. Seeing such a thing, I am also very conflicted, entangled, and sad.

You don't talk about the main point, but it's useless . Don't you think that your defenses are fueling the flames again and again. Your god assists have added a lot of drama and conflict to this hot spot, and added a lot of talk and jokes to the people who eat melon? Now I really can't stand it anymore, I am so angry, are you helping me or pitting me!

[Edited on 2018-07-21](#)

▲Endorsed 33 ▼ 2 comments
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Anonymous User

71 people agreed with the answer

http://sadeghi.com/dr-iman-sadeghi-v-pinscreen-inc-et-al/#visualtdr_sadeghi.com



In contrast to the highlighted Hao Li student's answer, at least Iman is full of evidence, and the cause and result of the matter are logical. In fact, not only Hao Li, but also another Zhejiang University star professor team who dominates siggraph all the time, there is absolutely a problem (they also set up a company, it's a coincidence, I don't know if it is the mentor of super jealous that Hao Li said). The professor's article also has a similar feature. It absolutely does not disclose the implementation and selectively discloses the data set. **There are obvious errors in the data set (the order of the eyes and eyebrows in a few samples is wrong), but the results in the paper Indeed, the training data is from PS** . If you are interested, you can see the training set based on the article Displaced dynamic expression regression of FaceWarehouse. The PS result should be obvious. In the blink of an eye with only one eye closed, the appearance of the entire face is wrong, only the eyes are closed by the PS. Everyone knows that with only one eye closed, half of the face can move. It is definitely not the ground truth by closing the eyelid PS of a single eye. I don't know why their method is so superb that you can train the correct model from the wrong results. (As shown in the figure, most of the data set is this kind of PS)

At the same time, although I don't have a deep understanding of their articles on hair, my colleagues who do hair have expressed similar thoughts to me. The implementation details are never made public, and the results of the paper are too good to be true.

After so many complaints, I just want to say that the years of practical experience in scientific research and commercialization have taught me that I must not be superstitious in the top conference articles and star teams. Many people have no lower limit for getting ahead and becoming more famous.

Supplement: For some people, it feels okay to read the article and try the demo, so there is no problem in expanding the training data with PS. We really reproduced it when the article first came out, and we can say that the details of each step are very well understood. Then they must have a lot of incremental improvement, and gradually the effect is getting better and better, **just like Hao Li said, fake it until you make it, I don't doubt that their later method is perfect, I just mean this kind of fake** The operation of it until you make it is harmful to the health of academic circles and entrepreneurial circles . In the screenshot sent by Iman, Hao Li said: "Li stated that one of his goals was to have "Loom.ai and ObEN to stop even trying to compete with us." Li expressed concerns that Pinscreen's actual automatic hair shape estimation could have poor quality and would "make us look bad" and claimed that "Loom.ai will laugh at us." Li later made similar statements to the team until a few days before the RTL demo. (Exhibit E29)"

I don't think it's a good practice.

Supplement 2: Okay, the privacy picture of the data collector is deleted. Stakeholders can calm down and discuss it normally, and they must be addicted to the mouth?

I think what you said about "demons will publish data sets" seems to contradict the reproducibility emphasized by vision research in recent years:) What is the difference between manual PS and automatic WARP? In the end, it is all unreal training data. The demos are perfect results. Are you sure that you did not accidentally leak the test dataset when you did the demo? :) The little technique of punctuating training samples individually for the people in the demo is harmless at first, but I don't think it should be advocated. Stakeholders should not be so excited . . . Is the generalization ability of the model trained from this quality data really so good? Does cascaded pose regression really have such supernatural power? Forgive me for my low IQ, not as good as a PhD from Zhejiang University.

Supplement 3: Unexpectedly, Cao Chen came to answer, disrespectful and disrespectful. I think my wording did not say that you were making fakes, but that the packaging method might be improper. **Why is it such an innovative and effective data enhancement method that the article doesn't mention it (the levenberg marquardt and the l2 in the article must be pulled). If this data enhancement is such a crucial step to reproduce the paper, why not mention it at all? Isn't the purpose of academic papers to benefit the community and share your knowledge with everyone? If your method is not so perfect, you must data enhancement, why not write it!! So of course the training data dare not release it, right!! This is an academic article, not your lab's soft article for sig advertising. Why do you think this operation is no problem? Isn't the reproducibility of the article important? Are you on the verge of fraud? Yes, the demo effect is good, what about your "academic articles"?** So in the final analysis, your approach is nothing more than that they are not as extraordinary as Hao Li. Unexpectedly, the stakeholders were so sensitive that they would jump out in a frantic report every minute.

Why do they use optical flow dense tracking in the Disney Zurich article. . . If the effect is as perfect as in the demo, why bother? . . Their Mimicry (mimikry? or some other play on words) was finally released. . .

To put it this way, Hao Li also has a lot of good-looking face tracking demos. I have also tried them and they can be used. Everyone likes them. It is a sensation. It's just not as magical as the paper says. . . What they did not do right was that they were not satisfied with the little tricks used in packaging the demo, and directly falsified. Answer: Our laboratory also packs it, except for some failure cases that seem to fit the characteristics of the model, we do not put other failure cases:) Anonymous hot spots are my pot, I was wrong. Let's discuss it normally, and there is no slander like Hao Li is completely fake

pps: I have played both your demo and Disney's live. The effect is really good, but it's not as perfect as the demo.

Supplement 4: Some people always attack my opinion and say that I am distorting the facts. That fact speaks louder than words. Please publish all the DDE data. Let's take a look after training. The Facewarehouse model is not given. How can we verify your 3D effect with your 2D training data? It should benefit the vision&graphics community. No need to open code. If everyone has trained to get the effect in your demo, then my IQ is low and there is a problem with the implementation. I canceled anonymity and apologized to the relevant personnel. However, you have never dared to open the data to everyone. . . **Maybe you gave it to us because you thought we were pretty good, and it might bring you more benefits. Because as far as I know, many people in other small laboratories ask you for data and you won't give it.**

Don't you have the same mentality as Hao Li. I hired Iman, thinking that I could use his reputation in hair to help myself cheat money, but his conscience was overwhelmed to shake things out. You gave us the data set with a choice, do you think everyone is tacit and will not question you :)

Supplement 5: Another great god, Qiming Hou, has also come. It does work. Since this trick is so good and is such a "novel" data enhancement method, why not write the paper. :) Others read your paper to build a data set. I don't know if this trick will work? . I have repeatedly emphasized that I am not questioning that your stuff has not been completely faked, but that your small operations in writing articles may not be advocating for the health of the research community. Articles should not only report good news but not bad news. What Cao Chen and Qiming Hou said were very pertinent, and Qiming Hou answered the questions reproduced in the article head-on, which deserves respect. But I don't know why some people who have interests seem to be less relevant, and speak so badly. . . . That's why I added

pps: It has been so many years since DDE was published, and the code has been used in production. Have you noticed that there are several samples with incorrect labels in the data set published that year? People such as lfw and ibug have errata, and I hope you can update them carefully and support the top of the domestic first-class laboratory. Standing at the top of the pyramid, someone will inevitably come out to criticize:) I also hope that your boss Zhou will not act as a sig reviewer like Hao Li and bring the articles you reviewed to the students.

[Edited on 2018-07-21](#)

▲Endorsed 71 ▼ 30 comments

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[Azhe](#)

IT engineer

2 people agreed with the answer

Very simple, is the chat history true? As a great god on Zhihu explained, it is difficult for PS to leave a trace. Considering that you are professionals in the graphics-related neighborhoods, and you may be able to fake perfect screenshots, wouldn't the chat history on the server also be fake?

As for the other qualities of character, it is not the point to be honest.

[Published on 2018-07-22](#)

▲2 agree ▼ 1 comment

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[Narci](#)

A two-dimensional dead fat house

33 people agreed with the answer

Liwen Hu, a USC phd student, has been with Hao for five years, and he has worked together after Hao came to USC. To put it simply, this is a "story of a former employee who was not willing to retaliate after being fired"

I was an intern at Pinscreen when I was expelled, and I also verified all the events of the day Iman was expelled. The reason I was fired was because he basically didn't work, and other things, such as smoking marijuana at dinner with investors (it seemed illegal in California in 2017).

The code he has written in the past six months should not exceed 500 lines (I counted two files, the two renderings of hair in Unity3D, a total of 325 lines). During the hair rendering, a bug was corrected and it was corrected by another colleague about two weeks ago, but he and Hao flaunted that they had spent a lot of effort fixing the bug. During the internship, I sat on his left hand side and worked closely with him. What is entrusted to him will be delayed for two days, and then entrusted to other undergraduate interns (undergraduates are easier to bully). So it was not Hao's opinion to fire him alone, it was the consensus of all fulltime and intern at the time.

After being expelled, he wanted to leave with the company's notebook. We said that we could let him copy his own information in the notebook on the spot, and then leave the notebook. But he didn't listen, and put the notebook in his bag and insisted on taking it away. As a result, a girl from the company was beaten by him when he tried to stop him from taking the notebook back downstairs. After the girl was beaten, we called the fire truck and the police over, and there was surveillance video.

Regarding the article, there is an app anyway, if you want to see the effect, you can download it directly. To be honest, that article is also a system article. Combine the state-of-the-art for face and state-of-the-art for hair together and then improve it slightly. There is no contribution on the algorithm. How big. No technical content, no fraud and no need for fraud. Simply put, combining our 2017 CVPR and autohair is basically the algorithm of our article. The luck of the article is a big factor (I was not very interested in the system paper when I reviewed the article myself).

Regarding the screenshots, after spending 5 years with Hao, he has this character. When chatting on Skype, he was always full of rubbish, and I was "fxxk" several times. Because we are about the same age, there is no obvious difference between superiors and subordinates when chatting. Personally I quite like this style.

Regarding the squeezing of students, I would like to ask you if you don't stay up late when you are due. . . Isn't it normal to sleep in the laboratory? . . Isn't phd driven by deadline? . I usually go to the office until 10 o'clock in the morning, check Weibo and take a nap, read two papers and write two lines of code, so I can have dinner and go home. Work efficiently before the deadline.

[Published on 2018-07-21](#)

▲Endorsed 33 ▼ ●15 comments

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Anonymous User

9 people agreed with the answer

A lot of hao li students said that this is iman forged ps chat records. Thinking carefully, it is extremely scary that many of these are private chat records of hao li and iman. How are you so sure that the chat records are ps? Do these students clearly know all the chat records of their bosses?

[Edited on 2018-07-20](#)

▲Agreed 9 ▼ ●2 comments

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Anonymous User

10 people agreed with the answer

As a melon-eater who doesn't know the truth, when he left Rashomon, he recalled the night when he was a villager. The judge's decision should be closer to the truth, but the party who was at fault should try to settle out of court. The probability is still great.

Several respondents suggested to try the App, but in my opinion, whether the App is easy to use or not does not help us understand whether the paper and rtl are suspected of fraud. Academic fraud is what I am most concerned about here, and it should also be the focus of disputes, which determines the key to Hao's academic career. The rest of the overtime work or something, I must be used to it.

The gossip will soon fade, but if this matter gives me any enlightenment, it is that the reproducibility of the results of the paper should be more emphasized, and the word "ke" in scientific research should be remembered. If through this dispute, let everyone in the graphics community pay more attention to the open sharing of code and data, at least the reproducibility of the paper results (the reproducibility problem has caused a blow to many fields, on the whole), and Ok.

[Edited on 2018-07-19](#)

▲Endorsed 10 ▼ ●3 Comments

Anonymous User
29 people agreed with the answer

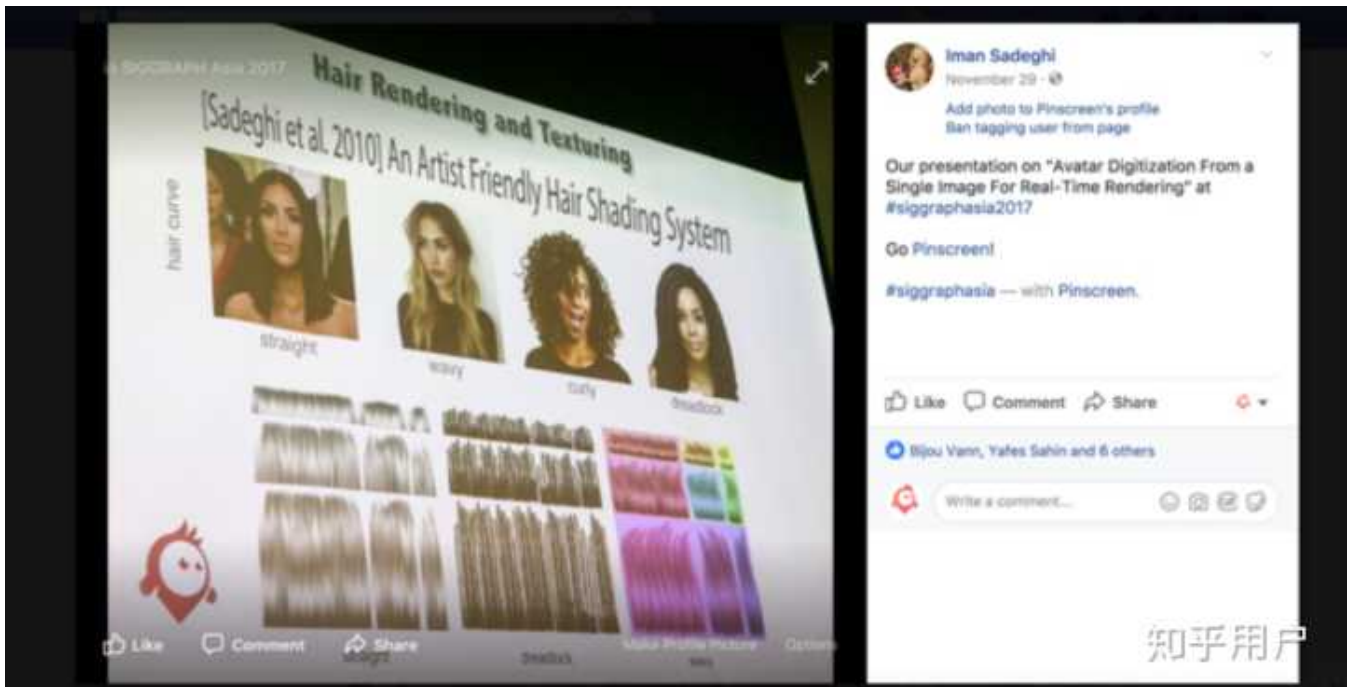
This Rashomon was present that day. First: I can prove that the person who cheated was the doctor iman, and the person who beat him was also the doctor iman. He was unwilling to be expelled and wanted to run away with a computer belonging to the company. Legally It is illegal for an employee to maliciously and forcefully invade any company's goods. What's more, there are confidential programs in the computer. Iman's behavior is really a robbery. The ambulances and police cars appeared that day. The most outrageous thing is that IMAN hit one of the company's goods. A woman wanted to take away the ice pack given by the ambulance to the injured. All the truths were recorded and there were surveillance pictures. No one encountered the tall Dr. Iman, who was taller than everyone on the scene, and she was a thief and shouted to catch the thief. He was beaten and beaten, his allegations and the conversation records posted by clipping and pasting, the conversation without context, outsiders seemed to be the case, but the truth was completely upside down. Second: Why was Dr. Iman expelled Except for his lack of ability and doing nothing, he pushed all the work he should do to other colleagues, causing every colleague to be quite dissatisfied with him. He appeared in the office for less than two months during the six months of his employment. Third: He accused of fraud. Before he accused of technical fraud, the first requirement of the company after he was expelled was to put him in front of the paper as the fourth author. If he was expelled, the accusation was because he knew If the company's technology is cheating and the company wants to expel him, why should he be asked to put him in front of the paper after being expelled? This is completely illogical. His first accusation against the company was just a discrimination. The lawyer who first represented him was no longer willing to represent him after a few months. This year, he used the accusation of fraud and only the second lawyer represented him. The content of the lawsuit was written by Dr. Iman. Writing, in most cases, it should be written by a lawyer. Finally: a person with the ability and ability will really use social media to spread false accusations for a start-up that only lasts a few months. He would rather spend a year making up a lot of lies than looking for a job. Soon the truth will be announced, and the lie will come true if you say it a thousand times, but I believe that the rumors will end up with the wise and the truth. As for whether this incident is a fake, just try the pinscreen app. I am an anonymous employee, please look at the pictures to find the truth! This is just the tip of the iceberg.

7/18 update:

Everyone found something different about this P picture. What I want to say is that after IMAN was fired at Siggraph Asia, while pretending to be still on pinscreen, he promoted this paper on fb, and at the same time questioned this paper at the meeting. It's fabrication. Currently, he accused the paper of falsehood, but the content on his Facebook page was contradictory. It was also because he made personal actions in SIGGRAPH ASIA to harass and intimidate Li Hao. Li Hao felt that his safety was threatened and immediately notified the team. The lawyer and the first lawyer representing iman, the lawyer for various reasons gave up representing him.



Figure 1: The original author's slide



Picture 2: After Dr. Iman revises the picture, let's see what is different!

[Edited on 2018-07-19](#)

▲Endorsed 29 ▼ 17 comments

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[bong](#)

Technology, finance, gender, Panda, writing

18 people agreed with the answer

There are only two ways to do Ai, one is to hire a lot of cheap labor to pretend to be AI, and the other is to wait for the real AI to be invented...

[Published on 2018-07-20](#)

▲Endorsed 18 ▼ 1 comment

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