



Congratulations on being in this stage of the process for being our next iOS Engineer! Let's rock Silicon Valley!

You will have 3 days to develop and send this challenge, with it we will have the opportunity to evaluate your skills necessary for the role:

Instructions

Using Swift, write an app that calls this endpoint: <https://dog.ceo/api/breed/pug/images/random/20> and display the results in a feed. Your result should look like the mock on the next page. Please use a UICollectionView for the data container.

Requirements:

- When the user reaches the end of the grid, call the API again to load more items, and the new items are added to the list (infinite scroll)
- Implement the "Like" Counter and Heart Button. The actual number can be random, but it must be consistent (if I see 3 likes on an image and I scroll down, and I scroll back up it should be the same number.) Pressing "Heart" increments the count and highlights the button.

Bonus points are awarded on app responsiveness, performance, and whatever optimizations you can make for real-world use.

Use any libraries/tools you need as you see fit. Please justify their use. Organize the project like you would a real app and use best practices for the organization. Code structure/style counts, not just "Does the end product work?"

Please send us your response by linking us to your GitHub repo, or zipping up your project and sending it back by email.

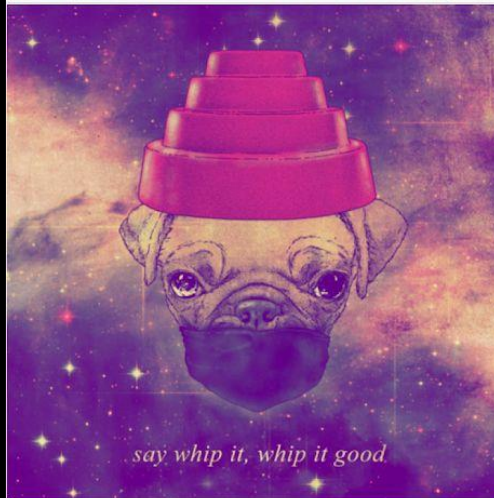
Note that your code will be checked to make sure that it is original. If you copied it from an internet source, you will be automatically disqualified from the rest of the interview process.

If you have any doubts, questions or updates, don't hesitate to contact me.

Good luck!



Pugs



26 likes



13 likes



13 likes