

**Please submit BOTH challenges (two page pdf) to [zack@codefor.cash](mailto:zack@codefor.cash)**

## Challenge 1:

1. Please build a web service that displays any topical RSS feeds from the site <http://9gag-rss.com/> For your implementation, please choose any 4 feeds.
2. Please do some basic caching on the backend, as there are some rate limits on the original RSS feed source.
3. You don't need to do any db related work. Just dynamically rendering from the rss should be good.
4. Please deploy to production and provide us the URL for the service as well as the GitHub code.

For the REST service, you can use either Flask or Tornado.

The CTO did this task himself and built a satisfactory version within 30 minutes. He doesn't expect you to necessarily be that fast, but it should be built within 5 hours.

## Challenge 2:

Our day-to-day work requires a lot of hands-on experiments. The purpose of this task is to test your ability with learning new tech and applying it toward a real use case. This is not a coding-heavy task. This task mostly involves config and setup work and some experimentation to tune parameters.

Please use <https://github.com/deepfakes/faceswap> to swap the person in this video, [http://codefor.cash/img/bermi\\_video.mp4](http://codefor.cash/img/bermi_video.mp4), into any Latina celebrity. The higher the quality, the better.. Your result should be the modified video and a GitHub repo with your accompanying code. Think about how to scale your training data, maybe with Amazon Mechanical Turk templates?

If you have any questions, please let me know.

Thanks!