



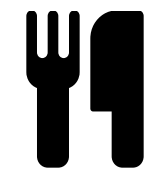
VI O

Coding  
Evolved

# CODING INTERVIEW



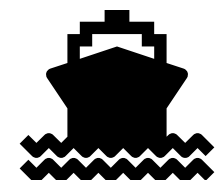
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# CODING INTERVIEW



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Viso - Code Interview Evolution x hack.init() | July 8 - 9, 2017 x

viso.hackinit.io/interviewer/

```
1 import os
2 import json
3 import random
4 import datetime
5
6 import phonenumbers
7
8 from hackinit.settings import MEDIA_ROOT
9 from hackinit.shortcuts import *
10 from .models import *
11
12 from django.shortcuts import render
13 from django.views.decorators.http import require_http_methods
14 from django.http import JsonResponse
15 from django.contrib.auth.models import User
16 from django.core.exceptions import ValidationError
17 from django.db import IntegrityError
18
19 alphabet = "abcdefghijklmnopqrstuvwxyz0123456789"
20
21 def random_string(length):
22     ans = ""
23     for i in range(length):
24         ans += alphabet[random.randint(0, len(alphabet) - 1)]
25     return ans
26
27 def valid_cellphone(cellphone):
28     x = phonenumbers.parse(cellphone, "CN")
29     return "%s%s" % (x.country_code, x.national_number)
30
31 def valid_resume(path):
32     if path == None:
33         return None
34     full_path = "resume/" + path
35     if os.path.isfile(MEDIA_ROOT + full_path):
36         return full_path
37     else:
38         raise Exception
39
40 def valid_user(email):
41     return User.objects.get(username=email)
42
43 def valid_date(year, month, day):
44     return datetime.date(year, month, day)
```

LP01632947305 退出



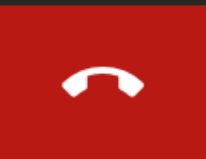
当前 Conversation 的成员列表：  
LP01632947305,interviewee

已经加入，可以开始聊天。

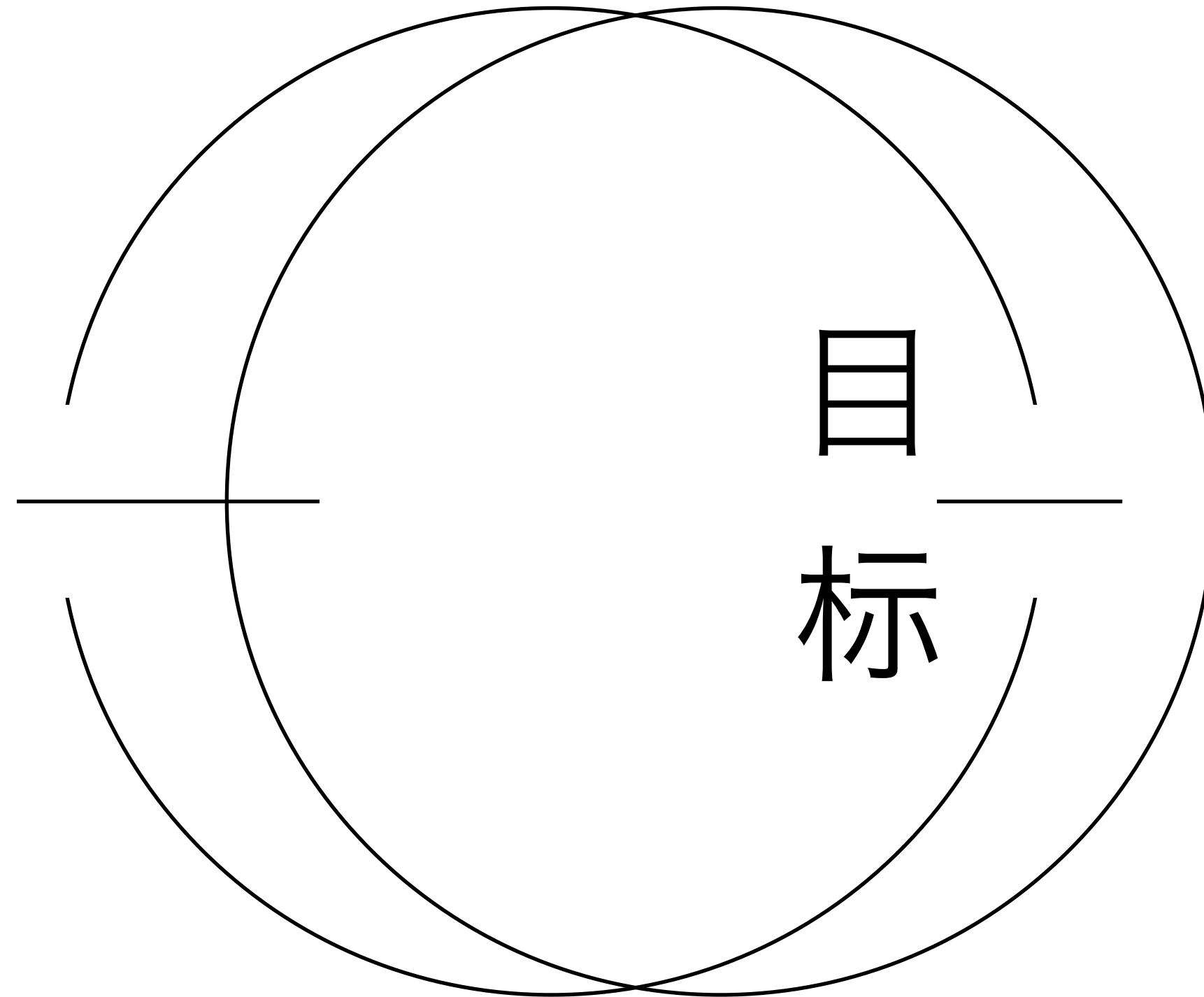
自己： hack.init()是中国顶级的青年人创客马拉松，并以宣传包容性与文化多样性为核心。我们将全国各地300名有才干的年轻人聚集在上海，参加全天24小时的协作和学习盛宴，创意的火花时刻迸发。

自己： 欢迎你点击  
<http://hackinit.io/zh>报名！

interviewee： 好的好的，马上去报名！

interviewee 

# 1 GOALS



Prevent cheating during the interview

Reduce costs of coding interviews for HR's

Less bias and transformation for the industry





《海笼》 — HackNanjing

Shaoxing

Shanghai

Beijing

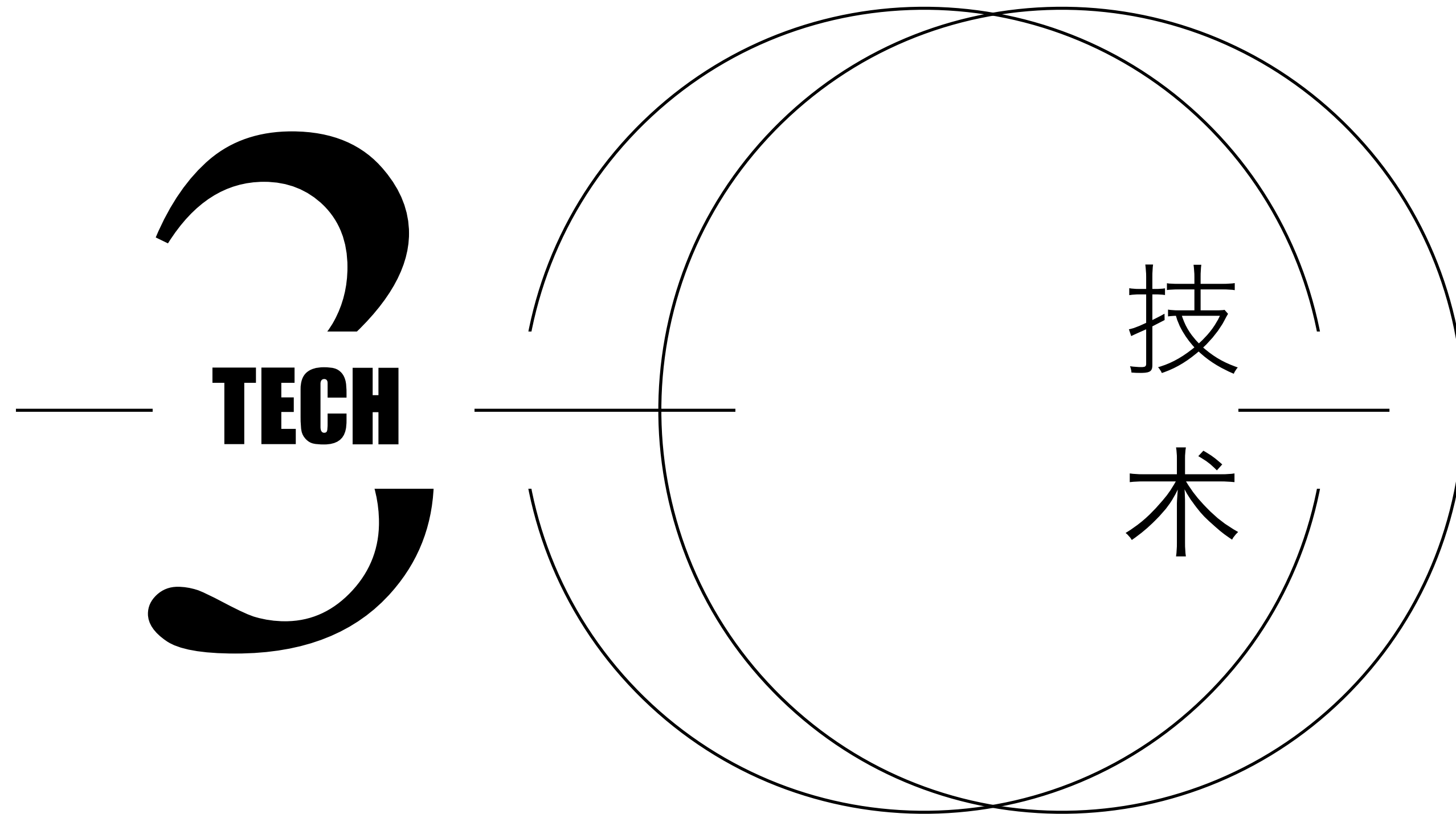
San Francisco



Remote interview with direct evaluation

Reduce costs for HR's and maintains mutual trust

Collaborating with online judges for training



Leap Motion as the hardware part of the service

Web socket in back-end for updating the data

Front-end / UI for coding interview

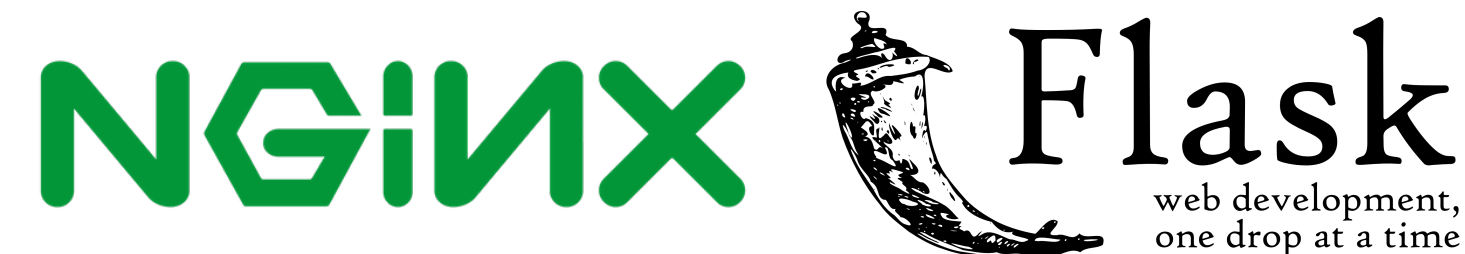


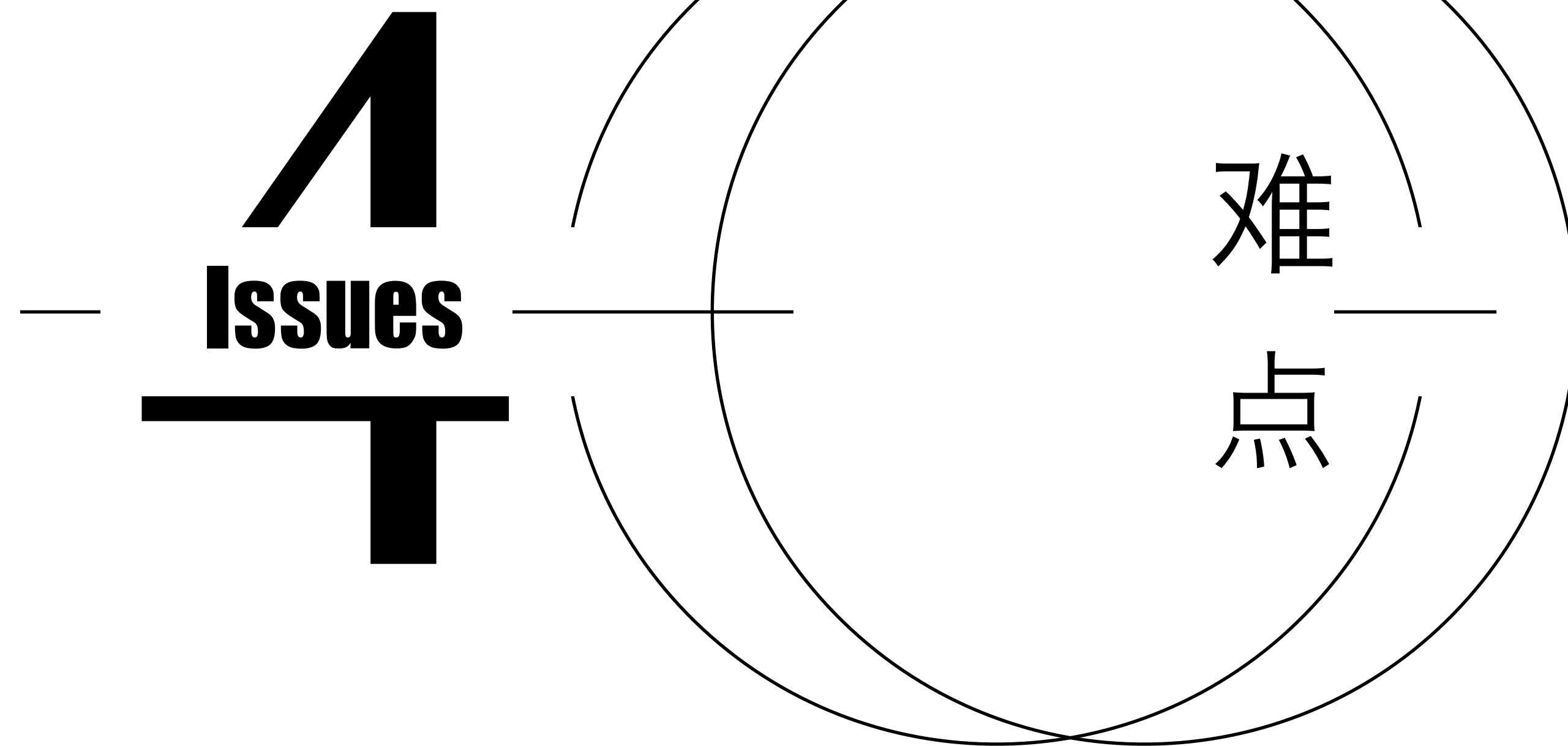
Monitor cheating  
with Leap

Report cheating to  
Flask

Update status to  
front-end

Video call, instant  
text message, and  
synchronous IDE





| Positioning between Leap  
and hands

| Real-time update from back-  
end to front-end

| Integration of multiple  
functionalities on the website

The background features a light gray field with several thin, dark gray lines that intersect to form a series of overlapping triangles and polygons. The lines are oriented at various angles, creating a dynamic, geometric pattern.

# Coding Interview



# **Coding Interview Evolved**



**Thank You**

**Team `hack.init()` — The High Schoolers**