# 如何在鸭哥带领下面 试FAANG

经验教训分享 by 老张/老方

- 形而上形而下

# ● 形而上

- 漫长的刷题
- 保持信念, 崩是正常的,崩完回来接着刷
  - 组团
  - 想想成功的例子
- Lucky

# ● 形而下

- 职位
- 内容
- 优先级
- 流程

<b>X</b> Facebook	<b>X</b> Google	<b>X</b> Microsoft	<b>x</b> Apple
E3	L3 SWE II	SDE 59	ICT2 Software Engineer
		60 SDE II	ICT3  ICT4  Senior Software Engineer
E4	L4 SWE III	5DE II 61	
		62	
E5	L5 Senior SWE	Senior SDE 63	
		64	
E6	L6 Staff SWE	Principal SDE 65	ICT5
		66	
E/	L7 Senior Staff SWE	67 Partner	
E8	L8 Principal Engineer	68 69	ICT6
E9	L9 Distinguished Engineer	70 Distinguished Engineer	Distinguished Engineer
	L10 Google Fellow	80 Technical Fellow	Senior Distinguished Engineer Engineering Fellow

### **Amazon PM interview process & timeline**



IGotAnOffer

Step 1	Resume, cover	letter, referrals
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Step 2 HR Recruiter email or call

Step 3 Phone screens (two interviews)

Step 4 Take-home exercise (one to two pages)

Step 5 On-site (six to seven interviews)

Step 6 Hiring committee review

Step 7 You get an offer!

~2 to 3 weeks

~1 to 3 weeks

Total: ~4 to 6 weeks

#### Facebook

#### Stage 1: Initial Technical Screen

- 1. Introductions
- 2. Discussions of Career Aspirations
- 3. Coding
- 4. Questions



#### Stage 2: Onsite Interview

- Coding Interview
- 2. Design Interview
- 3. Behavioral Interview
- 4. Questions



### Google(非常难)

#### Stage 1: Initial Technical Screen

- 1. Introductions
- 2. Discussions of Career Aspirations
- 3. Coding
- 4. Questions



#### Stage 2: Onsite Interview

- Coding Interview
- 2. Design Interview
- 3. Behavioral Interview
- 4. Questions



## 作用

- Coding & coding & bq & system, 一个挂全部挂
- Coding是敲门砖,布尔值
- Behavior是企业文化,布尔值
- System design决定你的level, package

### coding

- 45 分钟
- 1-2 算法题,Brutal -> 优化到最优解
  - 直接最优解
  - 时间空间复杂度
  - 这个算法对比另一个算法的复杂度

#### Behavior

- Describe a technical mistake you have made recently? What did you learn?
- What's the most difficult/challenging problem you have had to solve?
- Can you describe a situation where you had to work with a decision that you didn't agree with?
- Tell me about a time you struggled to work with one of your colleagues

#### Behavior

根据对问题的理解, 将其分成几大类(少于1分钟)

技术方面:需要突出技术攻关能力,精益求精的思想以及对技术的热情

团队合作方面:如何快速融入团队,如何沟通,如何激励队员

个人性格:是否正直,是否乐于助人

简述对问题的理解, 叙述方法论(少于1分钟)

叙述该公司对应类别的故事,一方面体现你喜欢该公司,愿意学习和了解他们的文化,另一方面这些故事是"正确"的答案,因为是高管在书中叙述,希望大家学习的。(1分钟左右)

叙述你自己对应的故事(3分钟)

总结(1分钟)

#### Behavior

#### **STAR** method

The STAR method is a really popular approach for answering behavioral questions because it's easy to remember:

• Situation:

Start by outlining the situation you were in, and provide necessary context (Your role, the team, the organization, the market, etc.).

Task:

Next, describe the problem that needed a solution. Also, explain your responsibility and what you decided to do about it.

• Action:

Then step through how you went about implementing your solution, and focus on your contribution.

• Result:

Finally, summarize with an analysis of your actions, highlighting the positive impact it had for your team, department, and organization, and emphasize what you learned.

### System design

- Design Facebook News Feed
- Design Live Commenting
- Design Twitter feeds
- Design Pastebin

https://www.educative.io

https://www.youtube.com/watch?v=ZgdS0EUmn70&list=PL73KFetZlkJSZ9vTDSJ1swZhe6ClYkqTL

### After interview feedback

### hiring committee

- Definite no hire
- No hire (on fence)
- Hire (on fence)
- Definite hire

### FAQ

新加坡工签?

Amazon的面试流程?

Facebook的面试流程?

移动开发方面 面试内容?

需要lead经验么?

Leetcode 刷题大方向选择?如何根据面试公司不同选择不同刷题策略?

Facebook的面试中, 算法, 专业技能(比如设计模式, 架构, 具体的mobile开发知识等)的比重如何?哪个更重要?

除了刷题还要准备哪些?

熟悉的技术编程语言会有多大影响?(比如有的/经验几乎都是C++)

# 大概能回答

纯前端有机会吗?

## 没能力回答(能力不行)

Big data相关技术栈?

Data engineer, python相关职位?

除了FANNG以外,推荐的公司?

大家推荐的面试准备材料?以及推荐的面试准备计划?

简历该咋写?