INTERVIEW PREP
BOOK CLUB

Agenda

- **Resume Writing**
  - https://www.techinterviewhandbook.org/resume/
  - https://www.youtube.com/watch?v=Tt08KmFfIYQ
- **Behavioral interviews**
  - https://www.techinterviewhandbook.org/behavioral-interview/
  - https://www.youtube.com/@DanCroitor/videos
- **Coding interviews**
  - https://frontendmasters.com/courses/algorithms/
    - https://www.techinterviewhandbook.org/algorithms/study-cheatsh
  - https://www.techinterviewhandbook.org/grind75
  - **https://neetcode.io/** | https://leetcode.com/problems/
- **System design interview**
  - https://www.youtube.com/watch?v=o-k7h2G3Gco
  - https://www.youtube.com/@SDFC

Resume Sections

Section	Heading Name
Professional summary*	(Use resume headline as section title, for e.g. "Senior Software Engineer at Google with over 5 years of experience leading teams")
Contact information	"Contact Information"
Skills - programming languages, frameworks, etc.	"Skills"
Experience	"Work Experience"
Education (Note: if you are still in school or have less than 3 years of experience, you may put Education first)	"Education"
Projects	"Projects"
Other optional sections - e.g. Certifications, Awards, etc	"Awards and Accolades" / "Certifications" / "Awards, Accolades and Certifications"

Resume Writing
https://shorturl.at/akw05

■ List down your best-selling points !!!

    – *Ensure you do these:*

- Answer why you are a good fit for the job
- Use an active voice
- Use action words
- Start with the noun describing your job role e.g. "Software Engineer", "Front End Engineer"

Behavior Interview

■ Companies Goals
- *People skills become more important as an engineer becomes more senior. Senior engineers should have the ability to lead and influence, resolve conflicts, anticipate risks*
- *From the company's perspective, the interview has two purposes:*
  - Assess whether a candidate has a history of demonstrating the right behaviors that would make them successful at the company.
  - Assess the seniority of the candidate e.g. junior, senior, or staff.

■ **How to prepare for behavioral interviews**
1. *Learn the STAR answer format* **(Preparation)**
2. *Prepare your answers to commonly asked questions* **(Preparation)**
3. *Prepare experiences to showcase fit to the company's culture / core values* **(Preparation)**
4. *Try out mock behavioral interviews* **(Practice)**
5. *Use structured courses* **(Practice)**

How behavioral interviews are evaluated

- **Motivation** - What drives you? Ideal candidates are self-motivated, passionate about technologies and products that have a real impact.

- **Ability to be Proactive** - Are you able to take initiative? Given a difficult problem, are you able to figure out how to get it done and execute on it?

- **Ability to work in an unstructured environment** - How well are you able to take ownership in ambiguous situations? Or do you rely on others to be told what to do?

- **Perseverance** - Are you able to push through difficult problems or blockers?

- **Conflict Resolution** - How well are you able to handle and work through challenging relationships?

- **Empathy** - How well are you able to see things from the perspective of others and understand your motivations?

- **Growth** - How well do you understand your strengths, weaknesses and growth areas? Are you making a continued effort to grow?

- **Communication** - Are you able to clearly communicate your stories during the interview?

STAR answer format
(**Preparation**)

- **Situation** - The interviewer wants you to present a recent challenge and situation which you found yourself in

- **Task** - What were you required to achieve? The interviewer will be looking to see what you were trying to achieve from the situation. Some performance development methods use "Target" rather than "Task". Job interview candidates who describe a "Target" they set themselves instead of an externally imposed "Task" emphasize their own intrinsic motivation to perform and to develop their performance

- **Action** - What did you do? The interviewer will be looking for information on what you did, why you did it, and what the alternatives were

- **Results** - What was the outcome of your actions? What did you achieve through your actions and what did you learn? What steps did you take to improve after the experience?

The slide notes have 5 videos that I suggest you watch

Behavior Interview Summary

■ Prepare your BEST performances / stories and adapt them accordingly to the question you receive (3 - 5 stories)

■ Use the STAR Method to explain your stories.

– *It's **not** required to say , the situation was X, my Task was Y... but if helps you... use it until you get better.*

■ ***Practice!***

■ ***Optional:***

– *Research keywords that you can use during an interview to show depth.*

■ SPOF, Load Balancing, Replication, Indexing, Sharding, Hashing, Read-Replica, Multi-Region, High Availability, Star Schema, Facts Table, Materialized View, In-Memory vs Disk Performance, Tradeoff...

This list can vary based on the position. Use the same "idiom" of the position but do not overuse it.

– *(To improve this part, I deeply recommend technical books)*

– *Words pronunciation website for reference https://youglish.com/*

Crafting the perfect self introduction

"Hi I'm XXX and I graduated from National University of Singapore in 2015 with a degree in Computer Science. My interests are in Front End Engineering and I love to create beautiful and performant products with delightful user experiences.

Back in school, I designed and built a web application, NUSMods which solves a huge problem of class and timetable planning every semester. It receives over a million pageviews a month and is used by over 40,000 NUS students and even some professors. It is built using a modern web technology stack - React, Redux, Jest, Babel, Flow, webpack and is mobile-responsive."

I'm interested in the Front End Engineer role at Meta because I have been using Meta Open Source Front End technologies for a while now and am inspired by Meta's mission and Open Source culture.

Leonardo Crafting

"Hi I'm Leonardo and I graduated in Electrical Engineering at FEI, an engineering school" Brazil. My interests are in Data Engineering, and data driven position since I love to explore, create insights and revenue streams from unexplored points of views of available datasets.

Back in Brazil, I joined my company in an opens cope position, where my goals was to improve performance of our system while getting feedback from the user about their experience. During my analysis I found some gaps and misunderstood problems that could improve the system coverage because the customer was not using the full capacity of their infrastructure. By implementing these pipelines and improvements, a major customer invested on our software and that was recognized globally, resulting in my promotion and relocation to United States.

I'm interested in the Data Engineer role at Meta because I love challenging paradigms and with the data at scale of Meta, I'm sure that I'll have several learnings opportunities as well be able to translate my previous experiences in valuables insight for the current challenges at Meta.

Suggested books

- [The 7 Habits of Highly Effective People](#)
- [Flow](#)
- [Time, Talent, Energy](#)
- [The Hard Thing About Hard Things](#)