

Google Interview Experience | Set 4

- Difficulty Level : [Hard](#)
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Though I didn't clear google but I want to share my Google interview experience , so it can help others . Please find my interview experience below:

My **Google Interview** Experience for **Software Developer Position** [Android Core Team], London, United Kingdom

Like many other enthusiastic engineers, I too applied for a job at Google. I know that it's very difficult that a resume gets noticed by google.

Suddenly, one fine day I received a Mail('Hello from Google !') from Google's HR saying that they are interested in my profile and asked me if I was ready to go ahead with the interview process[Come on! you can't say no to Google].

Round1(Phone interview) :

By: **Talent Scout @Google:**

* **Questions from Project :**

Spell Corrector:

How it works , Bigram and ngram model approach, etc.

* Why should one use merge sort over quick sort and vice-versa.

* You have a very large array of 'Person' objects .Sort the people in increasing order of age .

General :

Then came the exciting part when he asked me to choose location b/w **Google Paris**(Text-Speech Team) or **Google London**(Android Core Team).

He explained how Google works on their projects !

About Google interview process (2-3 phone interview + 4-5 onsite interview in London).

Round2:(Phone interview + coding on shared google doc)

By: **Software Developer @Google :**

* Questions from Project:

Bi-directional Sync b/w mysql and sqlite db.

* Given a number , check if it can be represented in 5^n form , where n is positive integer .

* Given a string of words with lots of spaces between the words , remove all the unnecessary spaces like

\r\n input: I live on earth \r\n output: I live on earth

Round3:(Phone interview + coding on shared google doc)

By: Software developer @Google :

- * Optimize a^b
- * How would you split a search query across multiple machines?
- * You need to develop the game Snake. What data structures will you use? Code your solution.

Some additional hints for the interview:

Clarify the question \xe2\x80\x93 make sure you understand everything.

Try to find the most efficient solution.

Come up with solutions quickly: even if its a brute force solution. Always iterate away from the original solution.

Before you start coding explain why you\xe2\x80\x99re approaching it that way ,its ok to start off with a naive solution and try to make it more efficient.

Explain the rationale behind the steps you are doing.

Think out loud, keep things technical. The engineers will give you hints: take a hint! They are there to help you!

Always write \xe2\x80\x9ccompilable\xe2\x80\x9d code.

Mind edge cases. Find bugs in your code.

\xc2\xa0

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[All Practice Problems for Google !](#)

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