

# Google Internship Interview Experience 2022

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In the month of September 21, I have applied for Application Engineering Internship and SWE Internship for Summer 2022. In the 3rd week of October directly received the mail for an interview for AE Intern 2022.

Post which I have undergone 2 technical rounds of 45 mins each.

**Round 1(Based on DSA):** In my first round of interview after a small introduction, I was asked a question of binary search.

*Find the index of the first 1 in a sorted array of 1 and 0, given that we didn't know the length of an array or can say the array is infinite.*

I was able to explain the complete optimized approach in around 20 minutes, to which the interviewer was happy and satisfied. In the last 20 minutes, I was able to code it perfectly and then we discussed some edge cases. After around 3-4 hours, I received the mail for the next round.

**Round 2(Low-Level Design):** The interviewer asked me to design Splitwise (Splitwise is a free tool for friends and roommates to track bills and other shared expenses so that everyone gets paid back.)

- The interview took more than 1 hour, and in the end, I was able to somehow solve the problem statement but with not much confidence.
- After 2 days, received the expected mail of not getting selected.

Thank You

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