HARMAN
INTERVIEW EXPERIENCE
- CHIRAG TANKSALI

Brief About Company:

HARMAN is a global leader in connected car technology, lifestyle audio innovations, professional audio and lighting solutions, and digital transformation. Harman markets its products under various brands, including AKG, AMX, Arcam,[6] Bang & Olufsen Automotive, Becker, BSS Audio, Crown, dbx, DOD Electronics, DigiTech, Harman Kardon, Infinity, JBL, Lexicon, Mark Levinson, Martin, Revel, Soundcraft and Studer.

Job Role: **Associate Engineer**

- Implement and unit-test the design using programming languages such as C, C++ (and in some areas Java, or other emergent languages)
- Perform tests on the realized implementations (Create test cases, test scripts and automate the tests on real hardware)

Eligibility Criteria:

10th and 12th/Dip 70% minimum in both
7 CGPA in UG/PG

Selection Procedure

Round 1- Online assessment
Round 2- F2F Technical Interview
Round 3: HR Interview

Round 1 (Online Test):

This round contained questions from the following topics

- Pseudocodes, OOPS, CN and OS
- 2 coding questions

Round 2 (Offline Technical Interview)   **Duration: 40 - 45 mins**

The interview started with a brief introduction about myself, soon after followed up by questions of core electronics. He began by asking me to identify the symbols which he had drawn (Diode and transistor). Then he drew a circuit and asked the current flow, next asked about 3 regions of transistor. Next few questions on digital electronics like what is Karnaugh map and why we need it. Next asked me about amplitude and frequency modulation.
And asked me to write truth table of XOR gate.
Next, he started asking about Microcontrollers for which I said that I have learnt this subject but haven't revised it. The questions were on UART, Baud rate, Ports, ADC.

Next, He switched to Programming questions, He first asked me to write data types in C followed by size of corresponding data types. Asked about Type modifiers and Storage modifiers in C. Local and global variables. Structure v/s union, Pointer definition with syntax writing and advantages of pointers.

After answering all these questions, He then asked me to take my name as an input in C language and asked me to sort the string Ex: Input: Chirag Output: acghir. First, I told the approach then I wrote the code (Interviewer was satisfied and happy). He gave one pseudocode and asked me the o/p (My answer was error because the value of the variable declared using const , cannot be updated) .

Then he started asking about OOPS in C++. He asked definition of constructor and destructor followed by example. Then purpose of constructor and destructor. Then about memory leak, Stack and Heap overflow. Polymorphism with real world example then asked me to write a code to demonstrate function overloading which I did. Then lastly, He asked the difference between C and C++ after which my interview was over and I was selected for the next round!

Round 3 (HR Interview):   **Duration: 10 mins**

In this round, questions about the company were asked to know if I had done research on Harman. The questions were
- What all you know about Harman?
- Brand Ambassadors of Harman.
- Asked me to name 4 brands of Harman.

Then general questions like –
- Willing to Relocate.
- How was interviewer with you?
- Who is your favourite cricketer and why?

Tips:
- Focus on your basics and problem-solving skills.
- Do not lie in your resume
- Be confident!!

ALL THE BEST

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