Why do you want to work for … company?

example: I’ve been using Microsoft software as long as I can remember, and I’m really impressed at how Microsoft manages to create a product that is universally excellent. For example, I’ve been using Visual Studio recently to learn game programming, and it’s APIs are excellent.

Project

Most Challenging:

What you learned:

Most Interesting:

Hardest Bug:

Enjoyed Most:

Conflicts with Teammates:

Your Weakness (real weakness)

example: My weakness is that I don’t have a good attention to detail. While at some point it could be good since it makes me execute quickly, but mostly it also means that I make stupid mistakes that I should not have made. Because of that, I always make sure to have someone else double check my work.

Structure Answers using S.A.R (Situation, Action, Result)

Ask questions

Genuine Questions:

How much of your day do you spend coding?

How many meetings do you have every week?

What is the ratio of testers to developers to product managers? What is the interaction like? How does project planning happen on the team?

Insightful Questions (Technology) :

Passion Questions:

I’m not familiar with technology X, but it sounds like a very interesting solution. Could you tell me a bit more about how it works?

I’m very interested in … What opportunities are there to lean about it?

Technical preparation:

must-have knowledge

data structures:

Linked Lists

Binary Trees

Stacks

Queues

Vector/ArrayLists

Hash Tables

Algorithms:

Breadth First Search

Depth First Search

Binary Search

Merge Sort

Quick Sort

Tree Insert/Find/etc

Concepts:

Bit Manipulation  
Singleton Design Pattern

Factory Design Pattern

Memory (Stack vs Heap)

Recursion

Big-O Time

Look up your company on CareerCup, Glassdoor for most common question

Five steps to a technical Questions:

1 Ask your interviewer questions to resolve ambiguity

2 Design an Algorithm

3 Write pseudo-code first, but make sure to tell your interviewer that you’re writing pseudo-code

4 Write your code, not too slow and not too fast

5 test you code and carefully fix any mistakes