

**focus: coding, algorithms, and data structures space and time complexity, system design , oop**

**types of Qs:**

**coding => efficient code in short time is the key.**

**design => work with the interviewer to creat a high-level system**

**general analysis => show that you understand all asapects of the problem, offer multiple solutions**

**\* they want to know if they are confortable to work with you.**

**===== Prep**

**coding,oop,corner cases**

**algorithm time/space analysis, A\* dijekstra**

**Testing => want are good testcases**

**data structure : as much as possible**

**know some NP complete problem knap sack, tSP**

**math => counting problem. k choose n. probability**

**OS => general review some OS stuff**

**System design ?**

**find problem, write code, solve them**

**===== during interview**

**explain and clarify**

**questions are intentionally is vauge ask questions**

**keep thinking. improve the solution**