DoorDash Backend Technical Phone Screen

Interview Preparation

INTERVIEW FORMAT

The screen will be 60-minutes and generally structured as follows:
• Introductions between you and your interviewer (5 min)
• Working session of CodePair, answering coding questions (45 min)
• Q&A and opportunity for you to ask your interviewer about DoorDash (10 min)

YOU WILL NEED:

• A computer with internet access. Your recruiter will send you a CodePair link to use for the coding portion of the interview.
• A reliable internet connection for Zoom audio. Having cellular reception as backup is ideal.

WHAT YOU NEED TO KNOW:

• Questions should be easy to understand over audio (i.e. should not require diagrams or drawings).
• DoorDash interviewees are being assessed on their communication and ability to write code.
• Interviewers will set clear parameters and expectations for you.

MAJOR COMPONENTS OF THE ASSESSMENT INCLUDE:

• We will be evaluating your knowledge of CS fundamentals, textbook algorithms, and data structures.
• **Coding Fluency & Style of Code**
  • Organize your code, test, and debug, and know your language of choice well.
• **Algorithms & Data Structure**
  • Understand common data structures and use cases for them (listed below).
• **Thinking & Communication**
  • Walk through your thought process out loud and be prepared to talk through optimizations/time and space complexities after implementation.
GENERAL TIPS:

• Before diving into coding, I would recommend asking qualifying questions and identifying edge cases to make sure you have a full picture.

• Describe your high-level approach first before implementation. Our interviewer wants to understand your thought process and how you go about solving a problem. By thinking out loud, you'll share your approach and they'll be able to steer you in the right direction if needed.

• Listen to the feedback from your interviewer as they are there to help guide you.

• Ask relevant and appropriate questions about DoorDash to show your interest. This is your chance to interview us as well, to make sure that DoorDash is the right fit for you.

ADDITIONAL TIPS:

• For the technical interview, visit leetcode.com and do practice questions at a medium/hard difficulty in Algorithm, Data Structures, and Object-Oriented categories to help prepare.

• Data Structures
  • Array
  • Linked List
  • Binary Tree, Binary Search Tree, Red-Black Tree
  • Heap
  • Hash Table
  • Stack
  • Queue
  • Trie
  • Graph (both directed and undirected)

• Algorithms
  • Bubble Sort
  • Merge Sort
  • Quick Sort
  • Radix/Bucket Sort
  • Depth-First Search
  • Breadth-First Search

• Object-Oriented Design
  • Have a working knowledge of a few common and useful design patterns (singleton, factory, adapter, bridge, visitor, command, proxy, observer, etc.).
  • Be prepared to write software in an object-oriented way with appropriate use of inheritance and aggregation.