INTERVIEW FORMAT
The phone interview will last roughly 60 minutes. The interview will include a coding challenge focusing on something you might do in your day-to-day work as a mobile engineer at DoorDash, and will include questions about swift language fundamentals, iOS domain knowledge, and memory management. You will need:

- A computer with internet access
- The latest production version of Xcode
- Your coordinator will send you a Zoom link for the coding portion of the interview (you will be sharing your screen. Please test screen sharing ahead of time, as Zoom sometimes needs additional permissions which will require restarting Zoom.)

At the beginning of the interview, the engineer will tell you about the team they work on, and ask you about your recent experience. At the end of the interview, you’ll have a chance to ask them any questions about DoorDash.

CONSTRAINTS

- No downloading third-party frameworks. Please be familiar with native APIs. Note that, forgetting some syntax is perfectly acceptable, and you may look up Apple’s official documentation, or even use a search engine.
- The deployment target is set to iOS 14.0. Therefore, APIs that are only available in iOS 15 and above cannot be utilized.
- Please use Swift, as opposed to Objective-C or any other language
- You may utilize UIKit or SwiftUI and/or Combine; Storyboard and programmatic constraints are both welcome. Please use whichever you are most comfortable with

MAJOR COMPONENTS OF OUR ASSESSMENT

- General code quality and problem solving ability
- Clear communication and explanation of your work
- General familiarity with native APIs and UI buildout
- Pace - The goal of the exercise is to see how far we get and the choices you make. Time management is an important parameter.

CODING TIPS

- Think about and discuss design tradeoffs/good abstractions with your interviewer.
- Write simple code, with correct syntax. Use whatever methodology you are most comfortable with and present your knowledge in the best way.
- Find and fix your bugs and consider testability and discuss it through the coding process.
COMMUNICATION TIPS

- Ask clarifying questions, and be wary of making premature assumptions. Before starting on your implementation, be clear on the requirements.
- 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.
- The interviewer will leave 5-10 minutes at the end to give you an opportunity to ask relevant and appropriate questions about DoorDash, and iOS at DoorDash. This is your chance to interview us as well to make sure that DoorDash is the right fit for you.