

# Why these questions

## A. Language

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### 1. Ivars, Properties, Class Extensions and Categories

Tests Objective-C language fundamentals. Candidate is expected to take over existing code in Objective C.

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## B. Basics

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### 1. Collections: Array and Dictionary

Basic data structures and their usages. Bread and butter for developers.

Nick has said he did well in Data Structures and Algorithms.

### 2. UserDefaults and Settings.bundle

Checks the candidates thought process.

### 3. View and Application Lifecycle

That's considered basic too.

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## C. Experience

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### 1. Xcode

We want a productive candidate.

### 2. Adhoc build

We want a candidate that can troubleshoot basic code signing issues.

Nick has mentioned he has experience with adhoc builds

### **3. Debugging and Instrumenting**

All developers make mistakes. The better ones find the bugs faster with the correct tools.

### **4. Third party libraries**

To get a sense of what the candidate has been working with.

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## **D. Specific Knowledge**

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### **1. Asynchronous code, NSOperations, Grand Central Dispatch**

Beginners won't know much about GCD. We want a candidate that is at least intermediate.

Nick has said he knows GCD.

### **2. Core Data**

We are using Core Data in our SecureChat.

Nick has said he knows Core Data.

### **3. Apple Push Notification Service**

Good to know. Not a need to know.

Nick has said he knows APNS.

### **4. What would you do**

To check candidate's thought process and level of expertise, and supporting of various SDK/devices

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