



# ТИНЬКОФФ

## Рекомендация для подготовки к собеседованию в Tinkoff по направлению iOS разработки

### Swift:

<https://www.mikeash.com/pyblog/friday-qa-2017-09-22-swift-4-weak-references.html>  
<https://github.com/apple/swift/blob/c262440e70896299118a0a050c8a834e1270b606/stdlib/public/SwiftShims/RefCount>  
<https://www.vadimbulavin.com/swift-memory-management-arc-strong-weak-and-unowned>  
<https://medium.com/flawless-app-stories/you-dont-always-need-weak-self-a778bec505ef>  
<https://www.rightpoint.com/rplabs/switch-method-dispatch-table>  
<https://swiftrocks.com/autoreleasepool-in-2019-swift.html>  
[https://medium.com/@nitingeorge\\_39047/copy-on-write-in-swift-b44949436e4f](https://medium.com/@nitingeorge_39047/copy-on-write-in-swift-b44949436e4f)  
<https://swiftrocks.com/whats-type-and-self-swift-metatypes.html>

### Multithreading:

<https://habr.com/post/320152/>  
<https://habr.com/post/335756/>  
<http://greenteapress.com/semaphores/LittleBookOfSemaphores.pdf>  
<https://stepik.org/course/3278/>  
[https://developer.apple.com/library/archive/documentation/Cocoa/Conceptual/Multithreading/Introduction/Introduction.html#//apple\\_ref/doc/uid/1000057i-CH1-SW1](https://developer.apple.com/library/archive/documentation/Cocoa/Conceptual/Multithreading/Introduction/Introduction.html#//apple_ref/doc/uid/1000057i-CH1-SW1)

### Архитектура:

<https://www.youtube.com/watch?v=v-2yFMzxqwU>  
<https://refactoring.guru/ru/design-patterns/catalog>  
<https://martinfowler.com/architecture/>  
<https://www.youtube.com/watch?v=kPz7MrejPA>

### Тесты:

[https://developer.apple.com/library/archive/documentation/DeveloperTools/Conceptual/testing\\_with\\_xcode/chapters/01-introduction.html#//apple\\_ref/doc/%20uid/TP40014132](https://developer.apple.com/library/archive/documentation/DeveloperTools/Conceptual/testing_with_xcode/chapters/01-introduction.html#//apple_ref/doc/%20uid/TP40014132)  
[https://github.com/ghsukumar/SFDC\\_Best\\_Practices/wiki/F.I.R.S.T-Principles-of-Unit-Testing](https://github.com/ghsukumar/SFDC_Best_Practices/wiki/F.I.R.S.T-Principles-of-Unit-Testing)  
<https://soundcloud.com/podlodka/podlodka-11-tdd>  
<https://soundcloud.com/podlodka/podlodka-4-mutatsionnoe-testirovanie>  
<https://blog.cleancoder.com/uncle-bob/2017/05/05/TestDefinitions.html>

### UI:

<https://www.youtube.com/watch?v=TQRJXLXhG2o&feature=youtu.be>  
<https://www.amazon.com/iOS-Core-Animation-Advanced-Techniques-ebook/dp/B00EHJCORC>  
<https://www.objc.io/issues/3-views/moving-pixels-onto-the-screen/>  
[https://developer.apple.com/documentation/uikit/touches\\_presses\\_and\\_gestures/using\\_responders\\_and\\_the\\_responder\\_chain\\_to\\_handle\\_events](https://developer.apple.com/documentation/uikit/touches_presses_and_gestures/using_responders_and_the_responder_chain_to_handle_events)  
<https://www.calayer.com/>  
<https://www.youtube.com/watch?v=Qusz9R39ndw>