

1. Video Aulas IOS 11 com Swift 4- Stanford

Link dos Materiais Stanford, incluindo os Reading Assignments 1, 2 e 3: <https://goo.gl/1Skadp>

Introduction to IOS 11. XCode 9 and Swift 4

<https://www.youtube.com/watch?v=71pyOB4TPRE>

Tópicos abordados: Introdução ao IOS 11, criar classes com variáveis e métodos, conectar com storyboard, print, acessar documentação da apple pelo código, ação automática quando uma propriedade mudar, arrays, optionals.

Debugging and Xcode Tips and Tricks

<https://www.youtube.com/watch?v=-Utlg4Lt7T8>

MVC

<https://www.youtube.com/watch?v=w7a79cx3UaY>

Tópicos abordados: MVC, controller, view, model, target, action, outlet, initialization, struct, class, static methods and properties, UINavigationController

Swift Programming Language

<https://www.youtube.com/watch?v=ZbpjTPzf8x4>

Tópicos abordados: Swift, Autolayout, CountableRange, Tuples, Computer Properties, Access Control, Assertions, Extensions, enum, Optionals, Data Structure, Protocols

More Swift

<https://www.youtube.com/watch?v=FU2V0YRQIOw>

Tópicos abordados: Data Structures, Struct, Protocol, Enum, Delegation, Extension, String, Character, NSAttributedString, Function Types, Closures

Multiple MVCs

<https://www.youtube.com/watch?v=5B5IRK9wYjl>

Tópicos abordados: Multiple MVCs, UITabBarController, UISplitViewController, UINavigationController, Pushing, Popping, Segues

View Controller Lifecycle

<https://www.youtube.com/watch?v=tLsPoVDXDG8>

Tópicos abordados: View Controller Lifecycle, viewDidLoad, viewWillAppear, viewDidAppear, viewWillDisappear, viewDidDisappear, viewWillLayoutSubviews, viewDidLoadLayoutSubviews, viewWillTransition, didReceiveMemoryWarning, awakeFromNib

Multithreading and Autolayout

<https://www.youtube.com/watch?v=kl2bDYiSgoc>

Tópicos abordados: Multithreading, Queues, Main Queue, Global Queues, mainQueue, DispatchQueue.global, async, sync, OperationQueue, Operation, Timing, Autolayout, Review, Size Classes, .compact, .regular.

2. Chamada de APIs

Encoding and Decoding custom types

https://developer.apple.com/documentation/foundation/archives_and_serialization/encoding_and_decoding_custom_types

Exemplos:

https://developer.apple.com/documentation/foundation/archives_and_serialization/using_json_with_custom_types

Creating a REST API Manager in Swift

<https://medium.com/@petrosdemetrakopoulos/creating-a-rest-api-manager-in-swift-4cd610699bed>