

Hands-on Application Development with Swift 4

Practical high intensity tutorial that gets you started with Swift directly for your Application Development

Topic

- Swift is the definitive language for Apple development today
- It's a vital part of any iOS and macOS developer's skillset, helping them to build the most impressive and popular apps on the App Store
- With the latest features of Swift 4, you will now be able to build apps that are fast, safe, and interactive

Why this topic?

- Swift has seen a slow yet steady [growth](#) over the years but has taken over as the de-facto programming language for Apple developers
- The StackOverflow [trends](#) gives us good insights on the volume
- Its [GitHub](#) stars has exceeded more than 42k
- [Udemy Insights](#) also show that there's high demand in this area

Target customer

- This course is for developers who would like to get up and running with Swift 4 to build amazing applications
- This course assumes prior programming knowledge
- Has prior experience in Application development
- The customer need not have experience with Swift
- Prior experience with Objective-C would be an added advantage but not a mandate

Their problem

- With the rise in iOS macOS development, the need to learn Swift has increased considerably
- They would like to extend their application development knowledge to building applications on the iOS or MacOS platform with Swift and that also swiftly
- There are courses available that take an academic approach to teaching you Swift
- However, taking an academic approach would refrain them from using their time to focus on other parameters such as performance of their app

- This may affect their productivity at work

Our solution

- Our course will solve this problem by teaching you to build applications with Swift - Hands-on
- This course will practically show you to build applications on iOS and MacOS with Swift 4
- Each section will teach you to achieve a certain task/goal with clear explanations as you go along
- You may begin with the language fundamentals of Swift and the new features of Swift 4
- From here, you will be taken through various aspects of Swift showing you how to achieve a certain task in application dev
- Learn to apply the unique Protocol oriented design to write better code for your application dev
- With this course, you will also be able to tackle a few performance issues while working with Swift
- By the end of the course, you will be confident to build applications with Swift

Risk mitigation

- We need to stick to the series and ensure that this doesn't turn out to be another academic course on Swift
- Covering for both iOS and MacOS may be a bit difficult. The author would be able to confirm this

Author