



Advanced iOS Programming



Advanced iOS Programming Concepts

Are They Really “Advanced?”

In our experience, it's very tricky to label topics as **“Advanced” iOS Programming Concepts.** *“Basic,” “Intermediate,” and “Advanced iOS Programming Concepts,”* should be judged by the reader, not the writer! We believe that, although it can be an effective marketing strategy, labeling content as advanced can be a mistake.

For example, at the beginning of my career, C was the language I used the most. The language C carries a lot of concepts that are considered “advanced” such as pointers, allocation and memory management. However, if you start coding in C as I did, it's natural to understand such concepts in the early stages of the learning process. A junior C developer should be able to handle pointers and memory allocation effortlessly. Of course, there'll be gaps in the junior C developers' knowledge, but with time they can master it.

Now, it's not uncommon to find mid to senior Swift developers that don't have the same proficiency as junior C developers with pointers and memory allocation. The lack of experience with pointers is not a negative thing. The Swift language facilitates memory allocation and hides much of the pointer manipulation/complexity from the developers. This was intended by the creators of the Swift language to make it easier for the developers to create safer code.

Can we label topics as “Advanced iOS Programming Concepts?”

Sure we can, but when we label topics as advanced, we usually get two different types of responses:

1. This is not advanced! I learned this at the beginning of my career.
2. This is advanced! I never learned this.

When a newcomer starts programming, everything is somehow “advanced.” As we progress in our careers, some topics start to look more “basic.” If we start labeling things too much, a strange phenomenon might happen. The student might say “if this is advanced, I already know everything I can learn from this source.” This mindset can even [discourage students from investing more in their education](#), because what comes after **Advanced iOS Programming Concepts?** It feels like the end of the journey. However, dedicated developers know that mastery is an endless journey.

Some common labeled “Advanced iOS Programming Concepts” we see out there are “OO,” “FP,” “Networking,” “Databases,” “Testing,” and “Architecture.” Interestingly enough those are all concepts that we teach to our beginner students at Essential Developer. And, at the same time, we also teach the same concepts to senior developers with 20+ years of experience, that lack or need to refresh their knowledge base.

It’s hard to judge what people already know or not regarding “Advanced” iOS Programming Concepts. In our courses, we focus on just teaching concepts. We try not to label concepts since it’s up to the student to decide if they sound like

basic, intermediate, or advanced. If you are familiar with a topic already and it seems easy, great! We can move on and focus on the knowledge gaps that are preventing you from evolving.

How to find knowledge gaps in Advanced iOS Programming Concepts

We believe that every professional should do market research and skill self-assessment from time to time. Find out what is the most valuable skills in the market. Decide if acquiring such skills is feasible and interesting in the short and long-term. Finally, invest in your education. Education is an investment in yourself and, when done right, will increase your value in the market.

As explained before, for us, Advanced iOS Programming Concepts are concepts you might not be familiar with yet. Learning these unfamiliar topics is all about you fixing gaps in your knowledge and increasing your value.

Prosperous developers strive to keep up with the industry demands and stay in the path of mastery. Mastery for a software developer is an endless goal of continuous improvement. By staying sharp with their skills and hunger to learn, developers can provide tremendous value to the industry. In return, dedicated developers can get a significant pay/salary/bonus/perks compensation.

Advanced iOS Programming Course

A Path To Financial Growth

In the previous section, we explained why labeling programming topics as advanced can be a problem. In this sequel, we'll explore ideas on how to avoid common mistakes when looking for an Advanced iOS Programming Course. And how to smartly invest in your education to get a significant increase in your income.

It's no mystery that good education can increase your value as a professional software developer. We all might have gaps in our knowledge that are preventing us from getting the pay rise we so much want. Finding the perfect course for your current needs is an important task, and we take it very seriously at Essential Developer.

Ten years ago, when iOS development was a new thing, it was tough to find good learning material or Advanced iOS Programming Courses. We had to learn how to develop great apps through trial and error mostly. Courses were remarkably scarce, but fortunately, we are now living in a time where there's a new course available every week. This is an essential evolution for the industry.

Nowadays, we can save ourselves time and money (and headaches) by getting good quality courses and "downloading" expert's experience right into our brains in a short period of time. When invested smartly, money and time spent on courses can make you a valuable developer in a much shorter period of time when compared to ten years ago.

However, we need to be careful not to waste money and time.

What to look for in an Advanced iOS Programming Course?

When looking for an Advanced iOS Programming Course, it's implied that the student is already a proficient programmer looking to step up their skills. Proficient developers should be at a stage in their careers where they're making a reasonably good salary. If not, they definitely should invest more in themselves.

A common approach, even among proficient developers, is to choose a course by looking at its price (looking for cheap!). Cheap education means typically cheap results. Price is an important factor when making any purchase, but the issue is when we label education merely as a "cost."

Education is actually an investment. To invest efficiently, we should look for gaps in our skill set. If a course is labeled simply as "Advanced iOS Programming Course," that's normally a bad sign. "Advanced iOS Programming Course" is such a generic title – what is in it? Everything there's to know? Which gaps in our skill set will it fill?

In an "Advanced iOS Programming Course" you might find a lot of concepts that you are already familiar and confident with. A better approach is to find courses on specific topics.

For example, "Software Architecture for iOS Programmers" – a specific course where you can have a clear outcome. Increase your Software Architecture knowledge, which is a topic that can definitely increase your value as a programmer.

So we always recommend developers to find courses with a clear and concise curriculum. A “minimum knowledge” requirements that meet your current skill set. And a clear outcome you should expect.

“But I don’t have time to attend an Advanced iOS Programming Course”

“I work a lot, so I don’t have time” is a common complaint. In the past, I remember a time when I said the exact same complaint. Luckily, I had smart people around me to correct my “poor mentality.” One of the best pieces of advice I got was “if you work too hard, you won’t have time to make money.” Yes, it hurts to hear that, but it’s the truth.

If we don’t have time to invest in our education, there’s something wrong. There’s something out of balance.

Typically, what prevents us from investing in ourselves is fear. Fear that we might waste time and money on a useless Advanced iOS Programming Course. Fear that if we dedicate time to study, we might not devote enough time to the job. Fear of facing something challenging. Fear that by not working all the time we can damage our professional goals (when the opposite is true!).

Once I eliminated those fears, my career progressed much faster. For example, a couple of years ago I was unhappy with my salary. I found out I could improve my technical skills to apply for better roles. I did some research and found a great 3-day course that would cost me around £2,500 (U\$3,200). Many developers would laugh at the price and say “no way!” but I decided to take the course. A couple of months later, after studying and practicing a lot, I had enough confidence

in my new skills to step up to a better position. In my new role, I increased my income by £20,000/year (U\$25,000/year).

Was it worth it? 100%!

And most courses won't even require us to stop working so we can invest in our careers while making a living.

Sadly, many developers don't invest in their education, and as a result, they become stagnant. Stagnant developers don't progress in the industry, don't make as much money as they could, and might end up unhappy and unsatisfied with their professional life.

Software development is a great industry right now. We meet highly skilled developers making incredible day rates with integrity. However, time and time again we also meet developers frustrated with their professional life.

We've been helping dedicated developers to get from low paying jobs to high tier roles – sometimes in a matter of weeks! To do so, we continuously run and share free market researches on how to improve your skills with Empathy, Integrity, and Economics in mind. If you want to step up in your career, [access now our latest research for free.](#)

Career and Market Strategy for Professional iOS Developers

**Find out why 99% of iOS Developers are jeopardizing their careers and discover
how to be among the top 1%**

Sign up now for this free course and learn about:

- The state of the iOS industry
- The effects of our seniority model
- The economics of a hot job market
- The salary trends over the years
- The stagnation phenomenon
- Behaviours and disciplines of the top 1% of iOS professionals
- Proactive methodologies to improve your daily workflow
- Guidelines for Professional Growth
- How to progress your career sustainably, instead of choosing paths arbitrarily

Your professional life is too important to leave it to chance.

**SIGN UP FOR
THE FREE COURSE NOW!**



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