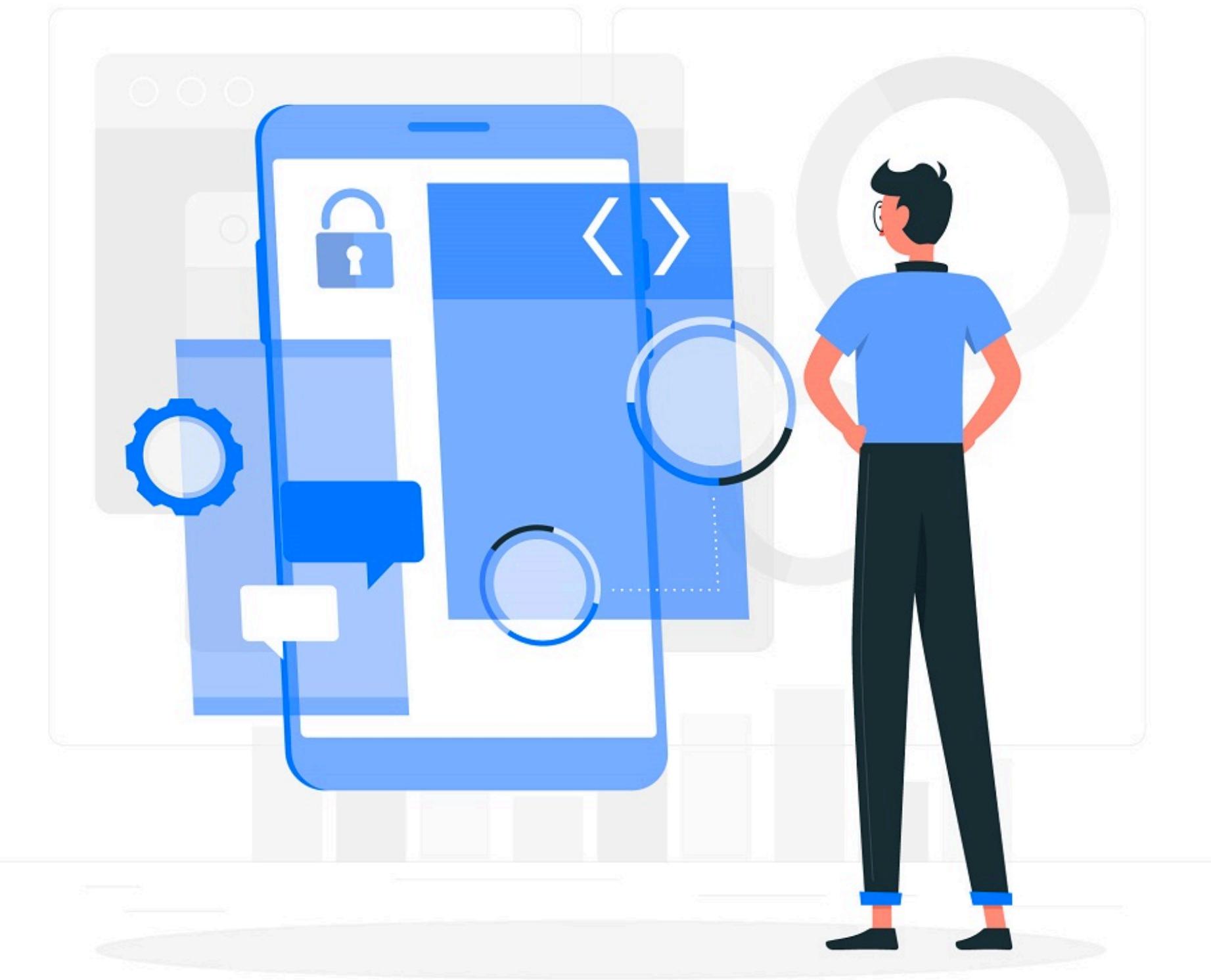
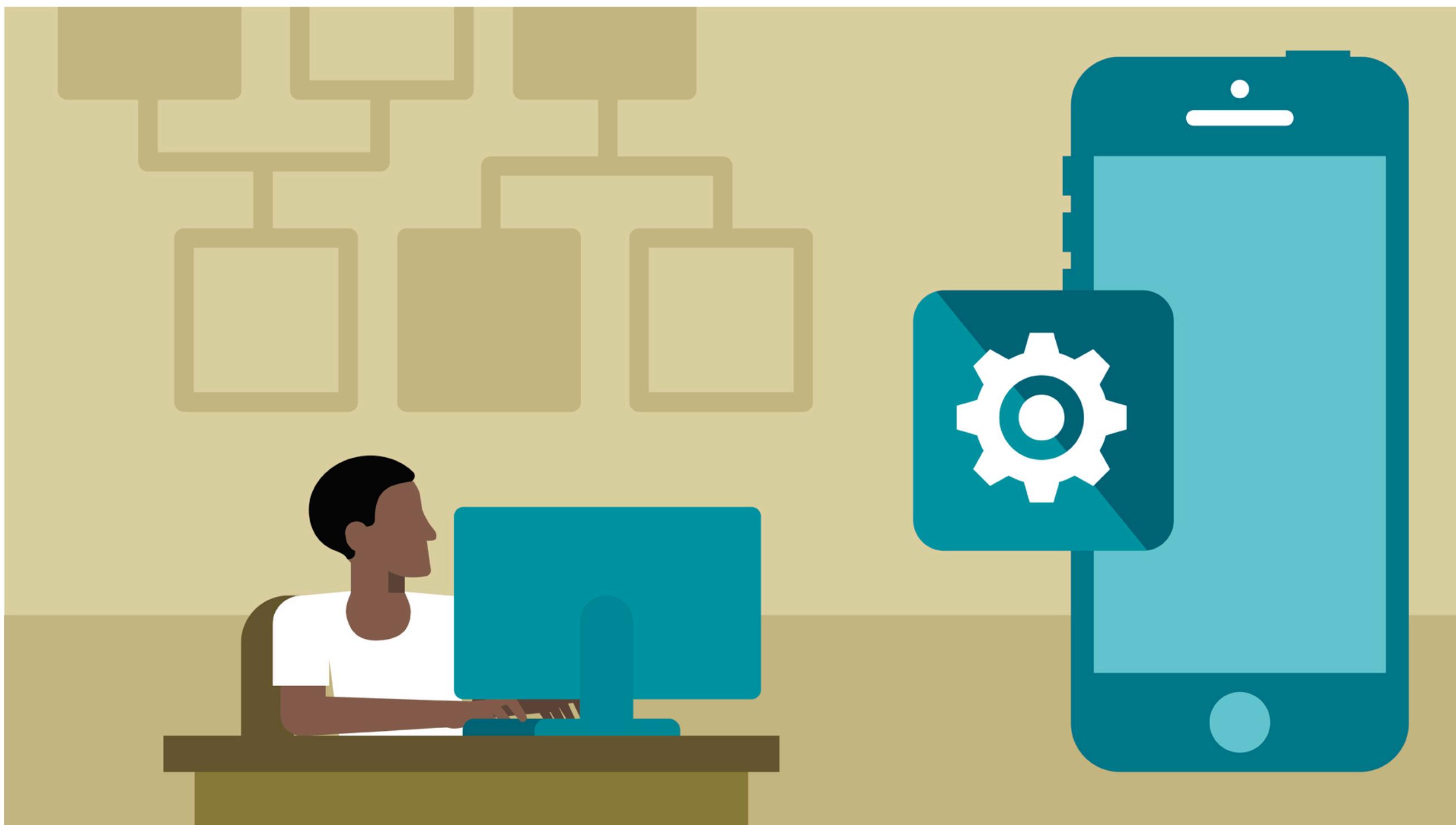


Basic Swift Programming & iOS App Development



Overview

This program is for anyone who wants to learn and develop Apps using Swift and iOS. Through this hands-on program, you will learn basic Swift Programming and how to code iOS Apps using Xcode IDE. You'll create fascinating user interfaces and interact with user and system data using tables and data persistence.



Our Classroom Experience

Real-World Projects

Throughout this hands-on program, students will have the opportunity to learn and practice key development skills including the Swift language and how to code iOS applications.

1. Dice App
2. Xylophone App
3. Egg Timer App
4. Quiz App



In This Course

Basic Swift Programming & Designing of Apps

- Concepts of Object Oriented Programming (OOP): The type system, variables, functions and methods, inheritance, structures, classes and protocols etc.
- Control Structures: Using if/else clauses, switch statements and logic to control the flow of program execution.

Intermediate Swift Programming

- Data Structures: Working with collections, such as arrays and dictionaries.
- Software Design: Organise and format code for readability and how to implement the Model View Controller (MVC) design pattern, Apple's favourite delegation pattern and the publisher pattern.

Who you'll meet

- Highly qualified Programmers having vast theoretical knowledge and massive hands-on experience about iOS App Development.
- Experts in Object Oriented Programming, Swift and embedded systems programming.
- Experts in Augmented Reality - Apple's ARKit

What you'll see

- An in-depth series of online/offline lectures, with high-quality graphics & detailed descriptions.
- 4 interactive lab projects with challenges in which you will learn to design and develop iOS Apps from very basic to Intermediate Level
- Interactive sessions with academic & industry experts, capturing cutting-edge perspectives.



Why Should You Enroll?

This program will prepare you to publish your first iOS app, whether you're already a developer or relatively new to programming.

In this program, you'll not only learn how to build iOS apps, you'll also learn best practices in mobile development, and gain big knowledge of Swift, an open-sourced object-oriented programming language. Through 4 hands-on, reviewed lab projects and Challenges you'll gain the skills you need to become an iOS Developer.

According to the 2017 Stack Overflow Job Trends Report, iOS Developers are among the Top-3 most in-demand developer positions in the job market. Enroll in this program today, and start building your future as an iOS Developer.

