SWIFTACADEMY

Certificate of Completion

This is to certify that

Ivelin Evgeniev Ivanov

successfully completed our

.NET / C# Course

from October 2015 to January 2016

This certificate is only valid, when checked with the original at:

http://swift.bg/certificates/ivelinevgenievivanov/n4naq7f3.pdf

You can review the course program on the second page of this certificate

SWIFTACADEMY

.NET / C# Course Program

1. Introduction in .NET. Development environments. Managed and unmanaged code
2. Data types, variables and operators
3. Work with conditional statements, loops and arrays
4. Systems for versioning and file control – TFS, GIT and SVN. Exercises
5. Classes, methods and objects
6. Encapsulation, constants and read-only fields
7. Interfaces, inheritance and polymorphism in C#
8. Code debugging – how to easily find bugs
9. Exception handling. Practical exercises with OOP
10. Data structures and introduction to various collections
11. Generics, enumerations and attributes
12. Working with files and streams
13. Database for beginners
14. Using Microsoft ADO.NET for accessing and processing of database data
15. Entity framework. Code First. Lambda expression – LINQ. Regular expressions
16. Practice over the covered material
17. Serialization. Working with XML and JSON objects
18. Creation of Web/Win Forms application
19. Consuming Web services in .NET/C# application
20. Deploying Windows Forms Applications with ClickOnce
21. Multi-threading development. Examples with Threads and Tasks
22. Practice – build your own project
23. Solving different exams and issues
24. Final Exam