



Școala  
informală  
de IT

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# .NET Web Development – Curriculum

Școala Informală de IT

**Educație Informală S.A.**

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## Content

1. HTML, CSS
2. JavaScript
3. jQuery
4. Bootstrap
5. SQL
6. C# Basics
7. ASP.NET MVC
8. Interview Preparation



## 1. HTML, CSS

- HTML markup
- Forms
- Styling with CSS
- Layout with CSS

## 2. JavaScript

- Variables and data types
- Operators and expressions
- Decisions and loops
- Functions and scope
- String manipulation
- Date, time and timers
- Browser object model
- DOM manipulation
- Events
- JSON and data storage
- Error handling
- Debugging
- AJAX

## 3. jQuery

- DOM manipulation and selectors
- Events and functions



- Effects and animation

## 4. Bootstrap

- Grid, rows and columns
- Styling content with Bootstrap CSS
- Layout components
- JavaScript plugins

## 5. SQL

- Data types and tables
- CRUD (Create, Read, Update, Delete)
- ACID principles
- Joins, relations and constraints
- Stored procedures and functions
- Transactions and exceptions

## 6. C# Basics

- Reference and value types
- Operators
- Flow control
- Classes and structs
- OOP Principles
- Enums
- Constants and fields



- Properties and indexers
- Methods
- Events
- Collections and generics
- Lambda expressions and LINQ
- Exceptions

## **7. ASP.NET MVC**

- Overview
- Razor syntax
- Views
- Models
- Forms and helpers
- Data validation
- Security
- Routing

## **8. Interview Preparation**

- How to present oneself during an IT interview
- CV formatting tips