



Școala
informală
de IT

Web Fundamentals (Intensive) Curriculum

Școala Informală de IT

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Content

1. Web Introduction

2. HTML, CSS

3. JavaScript

4. jQuery



1. Web Introduction

- Internet (WWW)
- Client-Server Architecture
- HTTP Protocol (request-response model, headers, methods, status codes)
- HTTPS Protocol (SSL)
- HTTP Cookies
- Web Browsers (page building, rendering and layout)
- Developer Tools (Dev Tools)

2. HTML, CSS

- HTML markup (Tags, Attributes, Form, Tables, Forms, Validation)
- Styling with CSS (Selectors, Fonts, Colors, Backgrounds, Borders, Animations)
- Layout with CSS (Box Model, Positioning, display & overflow)



3. JavaScript

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

4. jQuery

- DOM manipulation and selectors
- Events and functions
- Effects and animation