cacttus® Education

Professional Trainings

Planprogram

FRONT END

Web Development

+383 (0) 38 600 237

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Prishtinë and Prizren

cacttus Education

Professional Trainings

Training duration:

30 hours

What is Front End Development?

- What is difference between Front End Development and Back End Development?
- What is a web browser, server and how they work?
- Install required tools

Intro to HTML

- HTML Structure Specifying different versions of HTML
- Doctype
- Understanding structure –
- Learning about markup
- Tags, attributes and elements

Text

- Headings and paragraphs
- Bold, italic, emphasis
- Structural and semantic markup

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- Headings and paragraphs
- Bold, italic, emphasis
- Structural and semantic markup

Lists and Links

- Numbered lists
- Bullet lists
- Definiton lists
- Creatng links between pages
- Linking to other sites
- Email links

Tables

- How to create tables
- What information suits tables
- How to represent complex data in tables

Forms

- Different kinds of form controls
- New HTML5 form controls
- New HTML5 form controls
- Validations

Video

- Audio
- Iframes –YouTube

Comments

- Meta Information
- Class Attribute
- ID Attribute
- Escape characters

Block Elements

- Inline elements
- Inline block elements
- Grouping elements & text elements in block and inline
- Inline elements
- Inline block elements
- Grouping elements & text elements in block and inline

Images

- How to add images to pages
- Choosing the right format of image
- Optimize images for the web

Color CSS

- How to specify a color
- Color terminology and contrast
- Background color

Boxes

- Controlling size of boxes
- Box model for borders, margin, and padding
- Displaying and hiding boxes - Shadows

Boxes

- Controlling size of boxes
- Box model for borders, margin, and padding
- Displaying and hiding boxes - Shadows

List, Tables and forms

- Specifying bullet point styles
- Adding borders and backgrounds to tables
- Changing the appearance of form elements

Layout

- Controlling the position of elements
- Creating site layouts
- Designing for different sized screens - Positions

Images

- Controlling size of images in CSS
- Aligning images in CSS
- Adding background images - CSS3 Transitions
- CSS3 Transforms
- CSS3 Animations
- Screen Sizes
- Screen Resolutions
- Page Size
- Fixed Layout
- Liquid Layout

Introduction in CSS

- What CSS does?
- How CSS works?
- Rules, properties and values
- Inheritance, parent - Child relationship

DevTools

- How to test a website with DevTools
- HTML5 Layout

DevTools

- How to test a website with DevTools
- HTML5 Layout

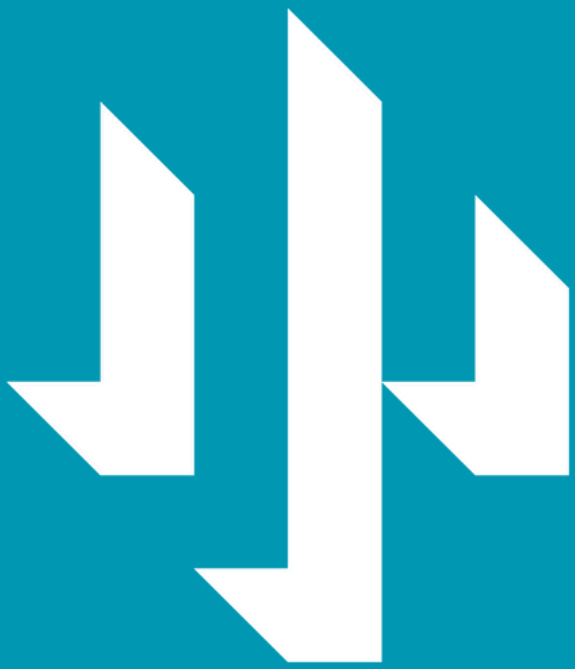
Process & Design

- How to approach building a site -Sitemaps
- Wireframe
- Visual Hierarchy

Convert font and add in website

- Google Fonts
- CSS Preprocessors - Introducton to Javascript
- What is Javascript
- How Javascript works
- Working with Document
- Object Model – DOM
- Javascript variables, strings and arrays
- Javascript functions and objects
- Javascript loops
- Javascript conditions - Javascript events
- jQuery Introduction
- How jQuery works jQuery
- Selectors and Events - jQuery
- Traversing - jQuery Effects - Fade Effect
- Create image slider and add in website

Professional Trainings



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