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**CSS**

**About the course**

CSS - short for **C**ascading **S**tyle **S**heets - is a "programming language" you use to turn your raw HTML pages into real beautiful websites.

**This course covers it all**- we start at the very basics (What is CSS? How does it work? How do you use it)? and gradually dive in deeper and deeper. And we do this by showing both practical examples as well as the theory behind it.

Getting started with CSS might look easy but there actually is a **lot of depth to CSS** - hence this course provides different "Tracks" or "Entry points" to exactly meet your demands and **reflect you current knowledge level**:

* **The Basics Track**: Start from scratch, learn CSS from the ground up. You start with lecture 1 and simply follow through to the end.
* **The Advanced Track**: You already know the CSS basics, you know what selectors are and how it works but you want to dive in deeper and learn some advanced features and usages.
* **The Expert Track**: You got the advanced knowledge, too, but you want to dive into things like Flexbox, CSS Grid, CSS Variables or Sass. This track is for you.

Of course, this course offers the theory and practical examples - we'll build an **entire real course project** throughout the course - but there also are **multiple assignments, quizzes and challenges** for you to practice individual concepts taught throughout the course.

Talking about the course project - we'll build the frontend (no backend) of a fictional web hosting company. We'll have a starting screen which has different sections, we got a **responsive design with an animated side-drawer, we got modals and forms and in general we got a lot of CSS animations, font styles and more**!

Here's what's inside the course in detail - this is all also applied to the mentioned course project:

* The basics about selectors, combinators and how you set up styling rules in general
* Properties, values and decalarations
* How specifity and inheritance work and why it's called "Cascading" Style Sheets
* Important theoretical concepts like the "Box Model"
* How the default position of elements can be changed
* Styling backgrounds (e.g. gradients) and images
* Which units and dimensions you typically use in CSS (px, rem, % and more)
* How JavaScript and CSS interact
* Responsive design and what "Mobile First" means
* Styling forms and form inputs
* Working with text, fonts and text styles
* Flexbox! How it works and how to use it
* Using the CSS Grid and how it differs from Flexbox
* Transforming and animating HTML elements with the help of CSS
* Writing future-proof CSS with features like CSS variables or best-practice class names
* Using Sass and what it actually is all about

**Structure**

**Section 1:** Getting Started

**Section 2:** Diving into the basics of CSS

**Section 3:** Diving Depper into CSS

**Section 4:** More on Selectors $ CSS Features

**Section 5:** Practicing the Basics

**Section 6:** Positioning Elements with CSS

**Section 7:** Understanding Background Images & Images

**Section 8:** Sizes & Units

**Section 9:** Working with Javascript & CSS

**Section 10:** Marking our Website Responsive

**Section 11:** Adding & Styling Forms

**Section 12:** Working with Text and Fonts

**Section 13:** Adding Flexbox to out Project

**Section 14:** Using the CSS Grid

**Section 15:** Transforming Elements with CSS Transforms

**Section 16:** Writing Future-Proof CSS Code

**Section 17:** Introductiong Sass

**Time**

Begin in: Octoter 7th 2021

* Thursday: 19:00 – 21:30
* Saturday: 19:00 – 21:30

**Cost**

Course CSS: $29.99