



GUGLEX ACADEMY

Master

Course Packet

Onsite & Online

Part-Time

Web Developer Curriculum

Target Salary


2K - 4.5K Per Month

Learn by Doing

You'll start coding from day one on campus. Dive into a fast, project-based learning environment that fosters collaboration, not competition.

Anyone Can Learn to Code

Anyone can learn to code, but the path to becoming a developer isn't easy. The most successful students dedicate at least 15-25 hours/week to the bootcamp.



Module -1 [Getting Started]

Module Introduction

What is CSS

CSS History, Present Future

Course Outline

Course Prerequisites

How to get the most of this project

Installation kits

Module -2 [CSS Jumpstart]

Module Introduction

Diving into the basic of CSS

Understanding the course project Setup

Adding CSS to our project with inline styles

Understanding the style tag creating a .css file

Applying addition styles importing google fonts

Theory time - Selectors

Understanding the cascading style specificity

Understanding Inheritance

Adding Combinators

Theory Time - Combinators

Summarizing Properties Selectors

Wrap Up

Module -3 [CSS Jumpstart]

Diving Deeper into CSS

Module Introduction

Introducing the CSS Box Model

Understanding the Box Model

Understanding Margin Collapsing and Removing Default Margins

Theory Time - Working with Shorthand Properties

Applying Shorthands in Practice

Diving Into the Height Width Properties

Understanding Box Sizing

Adding the Header to our Project

Understanding the Display Property

Understanding an Unexpected inline-block Behaviour

Working with text-decoration vertical-align

Styling Anchor Tags

Adding Pseudo Classes

Theory Time - Pseudo Classes Pseudo Elements

Grouping Rules

Working with font-weight border

Module -4 [CSS Selectors]

Module Introduction

More on Selectors CSS Features

Using Multiple CSS Classes Combined Selectors

Classes or IDs

Selecting the Opposite with not()

CSS Browser Support

Wrap Up

Module -5

Project Work

Module -6 [Position Elements with CSS]

Module Introduction

Why Positioning will Improve our Website

Understanding Positioning - The Theory

Working with the fixed Value

Creating a Fixed Navigation Bar

Using position to Add a Background Image

Diving Deeper into Relative Positioning

Working with overflow and Relative Positioning

Introducing sticky Positioning

Understanding the Stacking Context

Wrap Up

Module -7 [Understanding background images]

Module Introduction

Understanding background-size

Working with background-position

The background Shorthand - Theory

Applying background Origin, Clip Attachment

Styling Images

Adding the Customers Page to our Website

Working on the Image Layout

Understanding Filters

Adding Styling SVGs - The Basics

Module -8 [Understanding Positioning]

Module Introduction

What's Wrong With Our Project Units

Where Units Matter

An Overview of Available Sizes Units

Rules to Remember Fixed Positioning

Rules to Remember Absolute Positioning

Rules to Remember Relative Static Positioning

Fixing the Height 100 Issue

Defining the Font Size in the Root Element

Using min-width height max-width height

Working with rem em

Adding rem to Additional Properties

Finishing rem

Understanding the Viewport Units vw vh

Choosing the Right Unit

Module -9 [Working with Javascript CSS]

Module Introduction

Adding a Modal

Selecting Manipulating Styles with JavaScript

Adding an Event Listener

Adding a Side Navigation Bar

Opening and Closing the Hamburger Menu

Manipulating Element Classes

Module -10 [Marking our Website Responsive]

Module Introduction

Why our Project Should Become Responsive

Understanding Hardware Pixels vs. Software Pixels

Comparing the Viewport Metatag (HTML) and Media Queries (CSS)

Understanding the viewport Meta Tag

Designing Websites Mobile First

Adding our First Media Queries

Things to Keep in Mind when Working with Media Queries

Finding the Right Breaking Points

Making the Plans Responsive

Module -11[Adding styling forms]

Module Introduction

Adding the Unstyled Form

Understanding Advanced Attribute Selectors

Working on the General Layout

Restyling the Form Elements

Styling the Checkbox

Providing Evaluation Feedback

Styling the Signup Button

Module -12 [Working with Text and Fonts]

Module Introduction

Comparing Generic Families Font Families

Understanding the Browser Settings

Using the Default Font Families

Understanding the font-family Syntax

Working with Locally Saved Fonts

Working with Google Fonts

Understanding Font Faces font-style

Importing our Custom Fonts

Understanding Font Formats

Diving into Font Properties

Adding letter-spacing

Changing the Line Height

Applying text-decoration

Understanding the font shorthand

Loading Performance

Module -13 [Adding Flexbox to our project]

Module Introduction

Understanding Flexbox

Creating a Flex Container

Using flex-direction flex-wrap

Understanding the Importance of Main Axis Cross Axis

And What About align-content

Improving the Navigation Bar with Flexbox

Your Challenge - Working on the Mobile Navigation Bar

Working with align-self

Understanding flex-grow

Applying flex-shrink

Comparing flex-basis vs width height

Module -14 [Transforming Elements with CSS Transforms]

Module Introduction

Rotating Elements and setting transform-origin

Using Rotate and Translate

Working with skew and scale

Applying Transformation Shorthands

Moving Elements along the Z-Axis with translateZ

Media Handles

Whatsapp Group

<https://chat.whatsapp.com/KYtA0f4G693FpANYwVwRi0>

Telegram Group

<https://t.me/joinchat/WtRbzAm9HLE1Mjk0>

Slack Channel

https://join.slack.com/t/guglexacademy/shared_invite/zt-texpynvl-rNMRJwsPE80EwmtcVCCCUQ