

# Front End Programming

(HTML, CSS and JAVASCRIPT)

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
6 <title>Christopher Gower | Portfolio</title>
7 <link rel="stylesheet" type="text/css" href="style.css" />
8 </head>
9 <body>
10 <div id="wrapper">
11 <div id="header">
12 <ul id="nav">
13 <li><a href="#">About Us</a></li>
14 <li><a href="#">Our Products</a></li>
15 <li><a href="#">FAQ</a></li>
16 <li><a href="#">Contact</a></li>
17 <li><a href="#">Login</a></li>
18 </ul>
19 </div>
20 <div id="content">
21 <div class="banner" style="background-image: url(images/headerimg01.jpg); background-size: 100%; background-size: cover;>
22 <div class="name">Hello, my name is Chris</div>
23 <!-- This is the blue banner at top of site -->
24 </div>
25 <div class="container">
26 <div class="row">
27 <div class="col-4">
28 <div class="work">Work</div>
29 <!-- Aliquam accumsan purus vel elit ultricies elementum. Vestibulum nunc tortor, ultrices ac est vitae, ultrices tempor magna. Pellentesque ut rhoncus dui, sed lobortis diam. Ut ornare ac nulla nec cursus. Proin laoreet ornare orci quis tincidunt.</div>
30 <!-- This content will take up 3/12 (or 1/4) of the container -->
31 </div>
32 <div class="col-4">
33 <div class="skills">Skills</div>
34 <div class="skillimage" src="images/skillimage.jpg" alt="skills">
35 </div>
```

```
1 /*
2 * CSSReset
3 *
4 * Original
5 * License
6 *
7 * NB: Make
8 */
9 html,
10 body {
11 margin: 0;
12 padding: 0;
13 height: 100%;
14 }
15
16 #wrapper {
17 min-height: 100%;
18 position: relative;
19 }
20 #header {
21 background-color: #000080;
22 padding: 10px;
23 }
24 #content {
25 padding-bottom: 20px;
26 }
27 #footer {
28 background-color: #000080;
29 height: 300px;
30 position: absolute;
31 bottom: 0;
32 left: 0;
33 width: 100%;
34 }
35
36 .footercopyright {
37 text-align: left;
38 font-size: 15px;
39 padding: 30px 0;
40 }
41
42 .contactfooter {
43 text-align: left;
44 font-size: 20px;
45 padding: 5px;
46 color: #02b2b2;
```



# FrontEnd Programming (HTML, CSS and JAVASCRIPT)



Front-end developers are the architects of websites and apps. Your job is to make ideas and designs come to life.

The curriculum starts with critical communication, leadership, and career development skills to help you thrive in the digital workforce.

You'll learn how to code in HTML, CSS, and JavaScript through hands-on projects that push you to design user-friendly websites. Your capstone project is to publish your own fully functional website on GitHub.

The goal of this Front-End Web Developer curriculum is to equip learners with the unique skills they need to build and develop a variety of websites and applications.



# Learning Outcome

- Participants will gain proficiency knowledge in HTML, CSS, and JavaScript
- Build basic and functional web application
- Been able to Design, think, use Figma and Adobe XD to build your websites
- Participants will learn how to publish websites to GitHub pages



## Essential Soft Skills

- Constant Learning Mindset
- Communication
- Open to embracing failure
- Effective Research
- Collaboration and teamwork
- Succeeding in job interviews
- Workflows and processes
- Relevant contextual information

## Who should attend?



- Anyone new to coding or have limited coding experience, but are interested in designing and building websites.
- If you already have a basic understanding of software development but want to build your front-end skills like web design and development
- Aspiring UI/UX Designers: Those looking to start a career in UI/UX design.
- Front-End Developers: Developers who want to up-skill
- Graphic Designers: Creatives wanting to transition into digital design.
- Product Managers: Leaders aiming to understand design processes to improve product development.
- Software Engineers: Coders wishing to acquire design skills to build more user-friendly applications.
- Entrepreneurs: Business owners interested in designing better digital experiences for their customers.
- Anyone with an interest in creating engaging and effective user interfaces and experiences, regardless of their current skill level in front-end programming

MONTH

# August & September

## WEEK 1 - Environment Setup

1. Computer basics
2. File systems
3. Browsing the web
4. Command line basics
5. Code editors
6. Git and GitHub
7. Figma and Adobe

## WEEK 2 - Web Standards

1. How the web works
2. The HTML, CSS and JavaScript Triangle
3. The web standards model
4. How browsers load web pages

## WEEK 3,4 & 5 - Semantic HTML

1. Basic HTML syntax
2. Good document structure
3. Advanced text techniques
4. Links
5. Media
6. Other interactive elements
7. HTML tables
8. Debugging HTML

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# August & September

## WEEK 3,4 & 5 - Semantic HTML (CTD.)

9. CSS FUNDAMENTALS
10. Basic CSS syntax
11. Selectors
12. The box model
13. Handling conflicts in CSS
14. Values and units
15. Sizing
16. Backgrounds and borders
17. Overflow
18. Styling form elements
19. Debugging CSS
20. Layout and positioning
21. Animation
22. Responsive design
23. CSS frameworks

## WEEK 6 & 7 - JavaScript Fundamentals

1. Have a positive mindset
2. Don't be discouraged
3. Setup/tools
4. Basic variables
5. Functions/scoping
6. Advanced variables
7. Basic DOM
8. Control flow
9. Asynchronous code

MONTH

# September

## **WEEK 6 & 7 - Javascript Fundamentals (CTD.)**

10. Advanced DOM
11. Modules/bundlers
12. JavaScript Advanced
13. Destructuring
14. Spread/rest operators
15. Optional chaining
16. Maps
17. Bind
18. Call and apply
19. Enhanced object literals
20. Object-oriented programming
21. Functional programming
22. Testing
23. Security
24. Clean code
25. JavaScript frameworks

## **WEEK 8**

1. Review and Project



# COST OF PROGRAM PACKAGES

## WEB DEVELOPMENT

*Class Duration- 2 Month*

### Prices

- Virtual: ₦120,000
- Physical: ₦150,000

