

# BUILDING AND DESIGNING WEBSITES

4-WEEK VIRTUAL BOOTCAMP  
COURSE GUIDE



FAST-TRACK YOUR TECH CAREER

"Treasure your curiosity  
and nurture your  
imagination. Have  
confidence in yourself. Do  
not let others put limits on  
you. Dare to imagine the  
unimaginable"

- Dr. Shirley Ann Jackson  
American Physicist and Technologist

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# 1. WHAT YOU SHOULD KNOW ABOUT US

TechSprint exists with the mission to increase the number of women in Technology in Malaysia and around the region. We do this by providing the industry with highly skilled, smart, and talented women as a result of our world-class technology programs.

We partner with like-minded organizations and companies from around the world so that our impact has the furthest possible reach and we remain committed to developing women's skills in order to increase the number of talented women in the Technology industry.

TechSprint was inspired by the LinkedIn 2019 Emerging Jobs Report (summarised in this DNA Article). We at TechSprint connected this to the pervasive gender inequality existing in the Tech industry and founded TechSprint with an aim to help women in both Malaysia and the surrounding region in order to fast-track their careers in Technology.

Whether you are already working in the Tech industry or are completely new to learning tech skills, we have a program for you. TechSprint offers a range of both short courses as well as longer bootcamps to enable you to gain readily marketable skill sets that will help kickstart and accelerate your career in Technology.

TechSprint is proud to be in partnership with CodeOp, launching its first Asian Campus and Malaysia's first coding school for women in the vibrant city of Kuala Lumpur.

Founded in 2018 by Silicon Valley entrepreneur, Katrina Walker, CodeOp is an international coding school for women based in Barcelona, Spain.

CodeOp seeks to change the tech industry one bootcamp at a time. "There are a lot of statistics associated with women in tech." Katrina Walker, CEO of CodeOp said. "It's one thing to hear about them and another to experience them firsthand. That personal experience is the driving force behind our work. We want to share the power of technical knowledge with folks who've traditionally not been encouraged to pursue tech and we believe that 'If you build it, they will come'.

# WHAT YOU SHOULD KNOW ABOUT OUR BUILDING AND DESIGNING WEBSITES COURSE

## Course Outcome

This course will take you through the complete web development process from start to finish project.

By participating in Techsprint's **Building and Designing Webites** Programme you will also learn about web design guidelines in which you will immediately be able to apply to real world web projects.

## Who is this course for?

Techsprint's **Building and Designing Websites** Programme is designed for those you want a full understanding of everything involved in building a website. Who wants to learn to create a functional website.

## 2. WHY YOU SHOULD LEARN

### **Reason #1: Because you want to!**

First things first, we think this is the main reason to learn anything, and the biggest motivator in getting to wherever you want to go next. As with many new skills, software development has a steep learning curve. It will require patience and open-mindedness so that even when you're finding it frustrating, your drive to learn will make it that much easier to focus and power through.

### **Reason #3: Because it teaches you how to think**

Learning to code will give you more than technical knowledge—it also gives you a new outlook and way to approach your work. Problems become opportunities— you'll learn skills that provide a logical way of thinking, allowing you to identify all the areas where issues may arise in order to troubleshoot your way out of them (or improve on them before they even occur!) Plus, it teaches you attention to detail. When a simple misplaced hyphen can mess up your entire code, you become seriously skilled at checking your work!

### **Reason #2: Because you'll have better opportunities**

Newer, more exciting possibilities tend to open up once you can add 'coding' to your set of skills. Learning to code can help not just in launching or advancing your career as a developer, but also in moving up in the company you work for or taking on new projects. In general, it's an excellent way to advance your skill set in a short amount of time that can have a positive impact on your future. There's no shortage of opportunities for people who know how to code!

### **Reason #4: Because you're driven to make a change**

If you want to be involved in an industry that's at the forefront of impacting in the world, learning how to code is a guaranteed route in. And with diversity comes increased change. Tech is driving societal change however, the people involved in these fields don't truly reflect the make-up of our current society. We need new, different voices in this area, and your learning how to code can ensure you become one of them.

# 3. WHAT YOU'LL LEARN

During the Building and Designing Websites Course, you will learn the following:

## WEEK 1

### Day 1

- Basic Web Design Principles
- Prepare business name/ logo
- Purchase own domain name

### Day 2

- HTML/CSS tutorial

## WEEK 2

### Day 3

- Start editing web template using SUBLIME TEXT
- Editing text/images/photo/download free vectors and icons/changing color/favicon for web

### Day 4

- Start project find own web template and start creating and editing
- Register Google analytics

## WEEK 3

### Day 5

- Basic SEO lesson and application on web template

### Day 6

- Fix/ edit template and add pages/ links

## WEEK 4

### Day 7

- Continue with web template fixes and on-page SEO

### Day 8

- Add google analytics script and upload to free host
- How to submit web to search engines

## 4. HOW YOU'LL LEARN



Techsprint's Building and Designing Websites programme is a 4-week program, with online lectures scheduled 2 times per week, each lasting 2-hours for a total of: 8 days | 16 hours

## 5. HOW WE TEACH



"There are decades of research about how instructional strategies such as scaffolding, modeling, and reflection are important in comprehending new concepts. So we feel it is extremely important to incorporate them into our curriculum."

KRISTA MORODER,  
CODEOP CURRICULUM  
DEVELOPER

## 6. ONLINE LEARNING

Due to the global Covid-19 situation, the CodeOp Kuala Lumpur campus team at TechSprint has had to make two big decisions in order to keep our team and students safe:



### 1. Our In-Person Bootcamps

We have moved all our current and upcoming courses to a remote learning format. Our in-person bootcamps will remain fully remote until further notice.



### 2. Extending Our Online Bootcamps

Our global team is working hard to make our online bootcamps even more accessible to women around the world, who have been disproportionately affected by Covid-19.

## WHAT DOES A DIGITAL LEARNING EXPERIENCE LOOK LIKE?

### Synchronous Learning

Zoom is our primary video calling tool. Breakout rooms, remote control access & live polls allow us to interact, teach and connect with each other remotely.

### Virtual Pair- & Mob-Coding

Live Share by Visual Studio Code enables students to share their code with an instructor dynamically so they can take part in solving the activities in class.

### Asynchronous Learning

All lectures and activity reviews are recorded. This means you can always go back and review some material in your own time if you like.

### Live Support

Throughout the day the instructors are available in order to give you a helping hand during your coding journey.

### Primary Mode of Communication

Slack is our main communication tool. We have topical channels and share course news and materials through it (sometimes a couple memes may slip in as well).

### Global Community Access

Our community alumni Slack workspace is another virtual community to solicit support for technical and non-technical related issues.

There are only a limited number of things you can do in such a short amount of time to broaden your mind and impact change. Let learning new technology be one of them!



**APPLY NOW**

Contact us via email at  
***info@techsprint.academy***  
for any further questions!