

# Top 5 sites that teach programming from scratch

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Learning how to code is no longer just for IT professionals and software engineers. As the face of every business has moved online, being able to manipulate what website visitors see and interact with, has become treasured. Today, knowing how to program code can be one of the most important skills you can learn that will directly affect career advancement. If you can bring value to your online presence, then you can make a positive and measurable impact on any business. Here are some websites to help you enhance your credentials.

## Coursera

Since its inception in 2012, Coursera has matured into a large for-profit educational and technological company that offers over 1,000 courses that come from 119 institutions. There are a number of introductory programming courses that are free, from leading universities like Vanderbilt, University of Toronto, Stanford, and the University of Washington. It provides both free and paid online courses and specialization. Some of the recommended free programming courses from Coursera are Algorithms Part I and Part 2 by Robert Sedgewick, Machine Learning by Andrew Ng and Python for Everybody. Coursera also provides you Certification, which you can showcase in your LinkedIn profile, but you would need to pay for it.

## Free Code Camp

The main purpose of Free Code Camp is to teach code to those who will learn it so that they will help nonprofits. The organization has solved over 30 million coding challenges and has donated over \$1.4 million in development work. In addition to all of that, over 4,000 individuals have landed developer jobs thanks to the courses offered by Free Code Camp. There are courses in HTML5, CSS3, JavaScript, and more. Students will receive real-time help from the community chat rooms while being able to meet up with other coders in their city. Students will be able to work at their own pace, not just on their computer but on their phone as well if needed. While learning, individuals will assemble and build their portfolios of real apps that will be used by real

people. The courses are delivered through interactive and focused assignments and tutorials. It is free to get started.

## Code School

This is an interactive learning destination for those who are aspiring or experienced developers. The courses offered by Code School are organized into various Paths, which are based on technology. Students should explore the paths to find the one that is right for them. Students can choose HTML/CSS, JavaScript, Ruby, Elixir, PHP, .NET, Python, iOS, Git, SQL, and even some electives. Students will have experienced and engaging instructors that take them through the material with high-quality video lessons. Code will be practised right in the browser through

language like C++, Java, JavaScript, Rust, Ruby, SQL, PHP, Swift, TypeScript, Crystal, and more. Students will sharpen their skills by challenging themselves on kata. The kata has been created by the CodeWars community to help strengthen different skills. CodeWars approaches the coding education with a creative and optimized approach that will surely help students to retain the information that they are learning.

## Udemy

There is a selection of free programming courses in Udemy that are taught through video lessons, but there are also courses that are available for a set price. It is a global marketplace for teaching and learning online, where students will



course challenges, and students will receive immediate feedback. For incentive, students will earn points through challenges and will earn badges as each course level is completed, which leads up to the course completion badge. The Report Card will track all of the activity of the student including earned points and badges, completed courses, watched screencasts, and more.

## Codewars

This website is made to offer a fun and creative way to learn to code. It is martial arts-themed and the whole program is based on challenges that are called "kata". Students will complete these to advance on to more difficult lessons. Students can choose to learn their desired coding

master new skills and achieve their goals through choosing from a library of more than 45,000 courses that are taught by instructors that are experts in their field. One of the best place for online learning, you will get online courses in all the latest technology and programming language like Java, Spring, Data Structure and Algorithms, Selenium, REST, etc. Here is a couple of useful free course to learn some of the interesting technologies: Java Tutorial for Complete Beginners, Easy to Advanced Data Structures, Introduction To Python Programming and Advanced and Object-Oriented JavaScript and ES6. The paid resources are quite cheap and you can purchase on just \$9.99 during their flash sale.



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