

# 10 Best Tech Programs for High School Students

The technology sector is advancing at an unparalleled pace. Given the significance of technology in our lives, it is never too early to start learning about tech.

If you have an affinity for the tech industry, high school students can take advantage of programs available in order to know whether they are a fit for the field. This can help you choose the right college and career path that will help you accomplish your dreams.

Below, we have compiled a list of the top tech programs that will serve as an introductory course to tech.

Picture 1 of 10 Best Tech Programs for High School Students

## NextGen Bootcamp

NextGen Bootcamp offers computer classes specifically designed for high school students. You can attend the course in person at the NYC location or online. The program courses the basics of web development, data science, graphic design, and business - out of which, you can choose the topic you want to study.

Since the classes are in the summer, you need not worry about finding time to do your academic work. And even if you have some work to do over the break, you can consult reputable academic platforms and pay someone to write my essay to receive sample papers you can refer to. This will help save time that you can use to focus on other summer activities, such as this Bootcamp.

## CodeConnects

CodeConnects is another online platform that caters to school students. It is a part of The Coding School and offers face-to-face and virtual lessons for youngsters. However, the difference is that you will be able to receive personalized lessons as well as get in touch with mentors all over the world. There is even an impressive summer program that allows students to conduct research at Stanford University.

CodeConnects has a team of instructors working at Microsoft, Spotify, Disney, LinkedIn, and even students of Harvard, Columbia & Yale. You can choose tech programs in the fields of machine learning, AI, Quantum Computing, and more. There are also summer camps and private coding lessons available in all 50 states of the US.

## Upperline Code

Upperline Code is known for its crash courses in different areas of tech. You will find programs for all levels - beginners, intermediate, and advanced and depending on the ones you choose, the prerequisites might also vary.

These are designed for high schoolers and college students and are available in short formats of one to two weeks.

Some of the popular tech programs offered are Python, Javascript, web development, application development, data science, and art and game design. The courses are project-based and immersive, meaning the students will learn to apply the lessons to real-world applications.

## **Applications Of Nanoscience Summer Institute, UCLA**

Despite the impression you get from the complex title, this program is indeed one for high school students. However, you will need a background in chemistry and an interest in scientifically-sound technology to get accepted into the program.

The course is structured in a way letting students explore the applications of nanoscience while teaching how to review research material. It also cultivates design-thinking and entrepreneurship. Students will also have the opportunity to propose a product based on nanotechnology to the market and perform preliminary research to validate the science behind the concept.

As you can see, the two weeks program is quite intense while helping you advance your knowledge in tech as well as business. This course can be particularly useful for those looking to get into tech or industry schools.

## **Bluestamp Engineering**

This tech platform helps students build their engineering skills with immersive courses. It offers both online and offline programs and even in-person lessons. The in-person courses are offered in Palo Alto, where students will build their own projects. They will have access to specialized engineering tools and will learn the basics of bringing a new product to completion.

Picture 2 of 10 Best Tech Programs for High School Students

The in-person classes can also be modified to meet the individual needs of students as well. There are also virtual lessons offered as three-week sessions. Students get to explore innovative designs and will be able to develop a personal online portfolio by the end of the course.

## **Columbia University Summer Immersion**

This tech program offered at Columbia University is for high school students seeking exposure to engineers, computer science, as well as math. You will get the opportunity to pick the subject you want to focus on and will spend time learning about them with Columbia experts and scholars.

There are both two-week and one-week programs available and at multiple schedules.

## **Google Computer Science Summer Institute (CSSI)**

Google's CSSI program is a fully online, four-week introductory course to computer science. This course is for first-year BA>BS students in the US, especially those who identify with groups that have been historically

marginalized in the field.

Students will learn the fundamentals of computer science, participate in workshops, and will be able to network with peers and industry professionals. And needless to say, you will also get exposure and insight into the community, culture, and opportunities available at Google.

## **Galvanize**

The programs available with Galvanize are more suited for students who already have a thorough knowledge of software programming. Galvanize offers two different programs for data science. You can choose between a 13-week full-time intense course or a 26-week part-time boot camp, based on your convenience.

They also have a 12-week Javascript coding program. The courses are offered in different parts of the US, including NYC and Austin. Denver, Los Angeles, Seattle, and others. Apart from immersive courses, you will also find workshops and events that might be more to your taste.

Since the programs are immersive, it requires you to have a basic knowledge of HTML and CSS. If you are choosing to study data science, you should also know your way around Python.

## **New York Tech Scholars**

The New-York Historical Society offers a number of tech programs for high school students who identify as women. These are available on a pay-what-you-want basis, making them accessible for all.

The programs focus on helping students learn to code and collaborate with others. You will be able to study programs such as HTML, CSS, and JavaScript to build your own apps and designs.

The students will also get the opportunity to be mentored by a range of women leaders in tech and understand their career options. The courses typically last for four weeks and are available during the summer months in New York.

## **Inspirit AI**

Inspirit AI offers educational programs for high school students on the subject of artificial intelligence. This platform is unique because the courses are taught exclusively by Stanford and MIT alumni and students with years of AI expertise.

Moreover, unlike several tech programs we discussed, there is no need for any programming or computer science experience required to take this course. The program is offered live online and during the summer months.

As our article pointed out, there are tons of immersive programs that cater to different fields of technology and engineering. Whether you are advanced or just considering your interest in the tech field, these can help you understand more about the industry.

Above all, you will also be able to develop strong connections that can help you immensely in your career forward.

You finished reading the article "**10 Best Tech Programs for High School Students**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.

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