

# Google™ in education



LEARN MORE ABOUT COMPUTER SCIENCE!

## 1 ATTEND AN EXCITING CAMP

**National Computer Camp** provides instruction in video game design, digital video production, and a variety of software applications, and is the only computer camp that provides instruction in all age appropriate computer languages and in A+ and Network+ certification.

**iD Tech Camp** is the world's largest computer camp with 60+ summer camp programs at universities including Stanford University, Harvard, Princeton, and more.

**Emagination Computer Camp** is designed to enable students to express their creativity, advance their technology skills, make friends, and have fun.

## 2 JOIN A CLUB

Find a local **FIRST Robotics** or **Lego League** team in your area, or start a new one!

## 3 MAKE YOUR OWN WEBSITE

Use the **World Wide Web** and learn how to write HTML.

## 4 CREATE YOUR OWN MOBILE PHONE APP

**Learn** to make apps for your Android phone with AppInventor.

**Watch** helpful Youtube videos on using AppInventor.

**Create** apps for an iPhone.

## 5 TRY COOL ACTIVITIES AND PROGRAMMING ONLINE

**Sodarace:** Make a creature that outperforms others on the web using machines created by Artificial Intelligence.

**Competitive Zen:** How can you make a computer sense and react to a person's brain activity in a useful way?

**Scratch:** Create and share your own interactive games and art.

**Python:** Learn how to think like a computer scientist while learning this popular programming language.

## 6 FUN COMPUTER SCIENCE VIDEOS FOR EVERYONE

**Check out** some great (and funny!) videos about what Computer Science means in your world.

**There are endless possibilities** for girls at Google, jump on YouTube to see for yourself.

## 7 JUST FOR GIRLS

**Connect with Girls** who believe in the potential of computing to build a better world.

**Engineering Your Life** Dream big and love what you can do with engineering.

**Engineer Girl**, you can inspire an Engineer today!

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# Google Opportunities



- 1 Google's CAPE** - Students can apply to attend Google's Computing and Programming Experience summer course on the Google campus the summer after their eighth grade year.
- 2 Google's Computer Science Summer Institute** - Aspiring computer scientists will be selected to attend the all-expenses-paid CSSI at Google's headquarters in Mountain View, California. High school seniors can apply for the summer after they graduate.
- 3 Google Code University** - Interested in Computer Science? This website provides tutorials and sample course content so CS students and educators can learn more about current computing technologies and paradigms. The CS Curriculum Search will help you find teaching materials that have been published to the web by faculty from CS departments around the world.
- 4 Summer of Code** - Google Summer of Code is a global program that offers student developers stipends to write code for various open source software projects.
- 5 Internships** - Are you looking for an adventure? Google now offers internship opportunities throughout the year. **\*\*Currently only available to students starting at the university level.\*\***
- 6 Scholarships** - As part of Google's ongoing commitment to advancing computing and technology, we are pleased to provide scholarships and awards to encourage students to excel in their studies and become active role models and leaders.

**Notes:**

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