



Position: Summer Immersion Program Instructor

Organization: Girls Who Code

Locations: New York City, NY

San Francisco (Bay Area), CA

Detroit, MI

Dates: Summer full-time, Dates vary depending on location of summer program

Compensation: Paid

ABOUT GIRLS WHO CODE

Launched in Spring 2012, [Girls Who Code](http://GirlsWhoCode.org) is a national nonprofit organization working to close the gender gap in the technology and engineering sectors. With support from Twitter, Google, GE, ebay, and AT&T, Girls Who Code programs work to educate, inspire, and equip high school girls with the skills and resources to pursue computing careers.

Together with leading educators, engineers, and entrepreneurs, Girls Who Code has developed a new eight-week model for computer science education, pairing 320+ hours of intensive instruction in robotics, web design, and mobile development with high-touch mentorship, demos, workshops, and presentations led by the industry's top female developers and entrepreneurs. Girls Who Code empowered young women from all five boroughs of NYC in its inaugural program and will launch in cities across the country in 2013.

We are a small, dynamic group of individuals passionate about changing the world. We represent a diversity of backgrounds, a wealth of experience, and a ton of fun.

WHAT IS THE GIRLS WHO CODE IMMERSION PROGRAM?

The Girls Who Code Immersion Program is an 8-week summer program designed to inspire, educate, and equip high school women with the skills and resources to pursue academics and careers in the technology and engineering sectors. The Girls Who Code model presents an innovative approach to computer science education, pairing 320+ hours of intensive instruction in robotics, web design, and mobile development with high-touch mentorship and exposure led by the industry's top female engineers and entrepreneurs.

In its signature 8-week program, Girls Who Code embeds 20 high school juniors inside a technology company or university setting from 9-5pm each day. Here, young women get hands-on experience in computing concepts, programming fundamentals, mobile phone development, robotics, and web development and design. Project-based curricular modules allow participants to build products and



develop innovative solutions designed to inspire an interest in and encourage their pursuit of computer science.

Unlike other computer science education programs of its kind, Girls Who Code has a distinct focus on the development of student experience beyond the code. Daily classroom instruction is paired with talks, demos, and workshops led by inspiring female entrepreneurs, CEOs, developers, designers, and computer science majors that serve as mentors and role models throughout the program, each aligned with the subject matter discussed that week. Ongoing interactions with professionals in the local tech community serve to dispel misconceptions about computer scientists and the environments in which they work and encourage participants' pursuit of these careers. Field trips to Google, Facebook, Twitter, AT&T, Gilt Groupe, Foursquare and more allow the young women to envision a future for themselves and begin networking with those in the field.

In its inaugural program, Girls Who Code's curriculum proved effective in inspiring participants to continue in their learnings, encourage others to try computer science, implement computer science clubs in their schools, teach others what they have learned without prompting, and use their new skills to support their families and communities.

POSITION

Girls Who Code is seeking an enthusiastic computer science instructor for its eight-week Immersion Program, for the period from June/July–August 2013 (dates to be determined by location), in each of the following markets: New York City, Detroit, San Francisco, San Jose, and Davis, California.

RESPONSIBILITIES

As a Girls Who Code Immersion Program instructor, you will be responsible for the following:

- Instruct 20 high school girls in the designated Girls Who Code computer science curriculum
- Manage and assess students' progress in and proficiency of hard and soft computer science skills
- Effectively address students' challenges and questions, so as to ensure that all students are engaged and actively learning course material
- Guide the delivery and flow of talks, activities, and field trips to ensure maximum understanding and intake of material for students
- Counsel students on professional and personal levels, as needed or requested, with maturity and appropriate discretion
- Effectively maintain an exciting, engaging and accessible classroom environment for a highly diverse group of young participants



- Administer program evaluations throughout the program's duration to assess students' understanding of computer science concepts

QUALIFICATIONS

This is a unique opportunity to be part of a talented and growing team working to re-envision computer science education with a summer teaching commitment. The position affords the opportunity to deeply impact the lives of young girls by inspiring and encouraging their pursuit of engineering and technology.

Requirements include:

- B.A. or expected B.A.* in computer science or related field
- Fluency in at least two programming languages, JavaScript and/or Python preferred
- Demonstrated experience and maturity in managing a classroom of twenty 13 to 18-year-olds; ability to command a room of students
- Proven effectiveness in guiding classroom activity, keeping all discussion on task and thinking quickly/creatively in the face of unexpected questions or comments
- Ability to adapt teaching style quickly to various learning styles and demeanors of students in the classroom
- Experience teaching in an academically and culturally diverse classroom community; respect, patience, and empathy for individual differences in the classroom
- High energy and enthusiasm for the curriculum and overall program experience
- Excellent time management and organizational skills; exceptional communication skills
- Responsibility and preparedness with all course material
- Timeliness and dependability in attendance throughout the program and all teacher training sessions prior to program delivery
- Likable, easy-going demeanor with a strong sense of humor
- Must be able to commit to a full eight week summer program schedule
- Must be able to commit to three days of teacher training workshops prior to the program's start date

**Rising college seniors and new graduates are equally encouraged to apply*

Preferred:

- Experience working with 13 to 18-year-old students
- Previous experience teaching computer science or a related subject



Interested candidates should send a cover letter and resume to jobs@girlswhocode.com.

Please make the subject of your email "Teacher/[DESIRED LOCATION]".

Please also provide a short response to the following question in your cover letter: "What is your favorite ice breaker to play with a group of students. Why?"

Applications due January 25, 2013.

"Our support for this initiative represents our commitment to invest in, encourage and empower more women pursuing opportunities in technology." —Dick Costolo, CEO, Twitter