Careers At Girls Who Code

Girls Who Code is a national non-profit organization working to close the gender gap in technology. Through our Summer Immersion Program and Girls Who Code Clubs, we’re leading the movement to inspire, educate, and equip young women with the computing skills to pursue 21st century opportunities.

Girls Who Code has grown from a single pilot program in 2012 to reaching more than 3,000 girls with high quality computer science by the end of 2014. Backed by the nation’s leading technology companies, we are scaling rapidly, hiring across the country, and preparing to enter new markets in 2015.

We are a small, dynamic group of individuals passionate about changing the world. We thrive on working in a collaborative, fast-paced environment. We represent a diversity of backgrounds, a wealth of experience, and a ton of fun.

Summer Immersion Program Teacher

Location: Multiple Locations,

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- Boston, MA
- Chicago, IL
- Los Angeles, CA
- Miami, FL
- Newark, NJ
- New York City, NY
- San Francisco Bay Area
- Seattle, WA
- Springfield, MA
- Washington, D.C.

Dates: Summer full-time for 9 weeks, dates vary depending on location. Teachers are required to attend a 4-day training prior to the program date.

Compensation: Paid:$8,000 per summer. Girls Who Code does not provide relocation support.

About Girls Who Code

Girls Who Code is a fast-growing nonprofit changing the face of the technology sector. In our first year
of operation, we mobilized top executives, educators, and engineers to develop a new model for computer science education, leading the field in defining what works and delivering a successful, scalable solution for implementation nationwide. Now in our second year, our programs have demonstrated results, informed the field, and grown to encompass eight immersive programs spanning five cities and a low-cost, high-impact program designed for implementation in any setting. Poised for significant growth in 2015, we are looking for smart, talented, and enthusiastic individuals to join our summer teaching team.

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Girls Who Code Summer Immersion Program

The Girls Who Code Summer Immersion Program is a 7-week summer program designed to educate, inspire, 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 250+ hours of intensive instruction with high-touch mentorship and exposure led by the industry’s top female engineers and entrepreneurs.

In its signature 7-week program, Girls Who Code embeds 20 rising high school juniors and seniors 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, web development and design, and algorithms. 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. The results of the program are well documented: 95% of Summer Immersion Program participants are considering studying CS in college, and students received a median score of 87% on the final technical survey, with questions culled from CS101 exams from Stanford, Carnegie Mellon and Bryn Mawr as well as the AP Computer Science test. These outcomes are remarkable, and are perhaps most strongly influenced by our talented and motivated teachers.

POSITION

Girls Who Code is seeking enthusiastic computer science instructors for the 2015 Summer Immersion Program, for the period from June/July–August 2015 (exact dates to be determined by location), in each of the following markets: New York City, San Francisco Bay Area, Boston, Washington DC, Chicago, Seattle, Los Angeles, and Miami. Successful applicants will also be required to attend a 4-day long training and begin their full time employment one week prior to the start date of the program and
conclude one week after student graduation.

Successful Girls Who Code instructors come from a variety of backgrounds, including industry and academia. Girls Who Code welcomes male ally instructors.

RESPONSIBILITIES

As a Girls Who Code Summer Immersion Program instructor, you will:

- Lead instruction for 20 high school girls in the designated Girls Who Code computer science curriculum
- Prepare and deliver effective lessons plans aligned with curricular goals
- Manage and assess students’ progress in and proficiency of hard and soft computer science skills
- Manage 1 - 2 Teaching Assistants (TAs) to serve as support in classroom management, lesson delivery, logistical tasks, equipment managers, etc
- Act as a liaison and host to executive level guests in the classroom and on field trips, thereby supporting the growth and development of Girls Who Code relationships with important partners
- Effectively address students’ challenges and questions, so as to ensure that all students are engaged and actively learning course material
- Work with GWC program staff to 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
- Act as on-site representative of Girls Who Code managing various programmatic and logistical details
- Interface with student families as needed
- Administer program evaluations throughout the program’s duration to assess students’ understanding of computer science concepts
- Communicate regularly and effectively with Girls Who Code regional program staff as well as the Curriculum Director and Communications Director as appropriate

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 work at the forefront of CS education while impacting the lives of young women by inspiring and encouraging their pursuit of engineering and technology.

Requirements include:

- B.A. or expected B.A.* in computer science or related field, pursuing a Masters or PhD is a plus
- Fluency in at least two programming languages, JavaScript and/or Python preferred
- Ability to command a room of students
- Respect, patience, and empathy for individual differences in the classroom
- High energy and enthusiasm for the curriculum and overall program experience
- Effectiveness and patience in guiding classroom activities, keeping discussions 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

- Excellent time management and organizational skills; exceptional communication skills
- Ability to comfortably engage with a variety of program stakeholders ranging from corporate partners, funders, members of the press, and/or technology executives - demonstrated poise and professionalism are a must
- Timeliness and dependability in attendance throughout the program, including all teacher training sessions prior to program start and post-program reporting requirements
- Strong sense of humor

*Exceptional rising college seniors and new graduates are encouraged to apply*

NOTE: Candidates must be able to commit to a full nine week summer program schedule (the 7-week program plus 1 week before and after) and must be able to commit to a 4-day teacher training workshops prior to the program’s start date.

Preferred:

- Demonstrated experience and maturity in managing a classroom of twenty 15 to 18-year-olds
- Previous experience teaching computer science or a related subject
- Experience teaching in an academically and culturally diverse classroom community
- Technical industry experience

APPLICATION INSTRUCTIONS:

Please include in your cover letter a summary of your computer science and teaching experience as well a description of how you heard about this role, what motivated you to apply, and why you believe you’d be successful.


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

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