Expanding Educational Opportunity

Computer Science Fellows

TEACHFORAMERICA

Despite the incredible opportunities presented to students by a strong foundation in computer science, the subject is only offered in one out of ten high schools in America[1]. Access to computer science education is empowering, exciting and engaging. Five of the fastest growing occupations are in computing[2]. Moreover, computing-related jobs are among the highest entry-level salaries[3].

Because most students do not have access to CS courses, we have a tremendous opportunity and critical role to play in ensuring that students in low income communities have access to CS courses. Despite computer science being offered to relatively few students nationwide, we see a gap in opportunities leading to a lack of diversity in computer science fields and disciplines. For example, black students make up just 2 percent of all AP computer science test-takers, and the single largest black-white scoring gap among all AP exams is in computer science[4].

Teach For America has teamed up with National Science Foundation, the NYC Department of Education and Dr. Elizabeth Jaffe, a Math for America fellow and Presidential Awardee for Math and Science Teaching. Teach For America will be placing, training and supporting 5-10 computer science teachers in New York City during the 2013-2014 school year with hopes to expand our pilot to other regional sites.

This is where you come in! We need your talent and leadership to ensure that all kids have access to computer science education. To learn more and indicate interest email STEM@teachforamerica.org.

Teach For America Alumni Working in Computer Science & Tech

Jake Baskin

- Chicago '10
- Computer Science teacher
- Swarthmore College, Computer Science
- Code.org- Curriculum developer

"We have systematically denied women and people of color access to computer science education. Exploring Computer Science is the antidote to that. The number of young women enrolling in intro CS more than doubled once I implemented ECS and I saw students who had "given up" on math class using trig functions to create a more realistic computer game."

Samir Paul

- D.C. Region '10
- AP Computer Science teacher
- Harvard University, Computer Science
- IBM- Consultant, Advanced Analytics & Optimization

"We might miss out on the next Turing or Stallman or Gates or Zuckerberg just because she was born in the wrong zip code. That's a crime. We have to tackle this new form of illiteracy head-on, and the only way to do it is to push for P-12 CS education across the country."

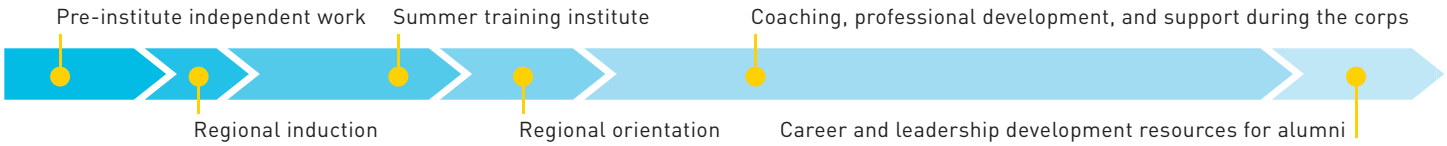
To learn more, visit **www.teachforamerica.org/why-teach-for-america**

[1] http://code.org/stats
[2] Dohm, A. & Shniper, L. (2007, November). Employment outlook: 2006–16. Washington, DC: Bureau of Labor Statistics. (p. 89)
[3] Dohm, A. & Shniper, L. (2007, November). Employment outlook: 2006–16. Washington, DC: Bureau of Labor Statistics. (p. 94-96)
[4] http://www.jbhe.com/features/59_apscoringgap.html

TRAINING AND PROFESSIONAL DEVELOPMENT

The students our corps members teach are often several academic years behind their more affluent peers. They face the daily challenges of poverty and know a history of low expectations that make it hard to see their own potential. To address these challenges, our corps members must be more than just effective teachers. Corps members who can put their students on a different life path must also be great leaders. This philosophy is the basis for the Teaching As Leadership framework—the foundation of our training and support program. Training begins with a rigorous summer training institute and includes one-on-one coaching and access to thousands of online resources throughout the corps experience.

Teaching in a low-income community is an extraordinary challenge, but corps members don't face it alone. Our corps members, alumni, staff, and partners form a network of development and support. Corps members who take advantage of these resources and take responsibility for their own success show the most growth in leadership both inside and outside of the classroom.



» **Learn more:** teachforamerica.org/training-and-support

GRADUATE SCHOOL AND EMPLOYER PARTNERSHIPS

Hundreds of graduate school and employer partners in many fields value the corps experience and offer special benefits to Teach For America corps members and alumni. These include two-year deferrals, scholarships, internships, and career mentoring. A selection of our partners:

- GE: Two-year deferrals
- Google: Two-year deferrals
- California Institute of Technology Division of Chemical Engineering
- Cornell University Graduate Program in Physics
- Massachusetts Institute of Technology Graduate Program in Chemistry
- University of California, Berkeley College of Engineering

» **View all partnerships:** teachforamerica.org/grad

HOW TO APPLY

Applicants must submit an online application by one of the deadlines below. Subsequent rounds of the admissions process include an online activity, a phone interview, and an in-person interview. Applications are nonbinding.

Prerequisites:
- Bachelor's degree by June 2014 with a 2.5 minimum undergraduate GPA*
- U.S. citizenship or national/permanent-resident status**

» **Learn more:** teachforamerica.org/how-to-apply

Steps[3]	First Deadline	Second Deadline	Third Deadline	Fourth Deadline	Fifth Deadline
Apply online	Aug. 16, 2013	Sept. 13, 2013	Oct. 25, 2013	Jan. 24, 2014	Feb. 20, 2014
If invited, complete online activity	Aug. 22-26	Sept. 19-23	Oct. 31-Nov. 4	Jan. 31-Feb. 4	Mar. 6-10
If invited, complete 30-minute phone interview	Sept. 20-23	Sept. 20-23	Feb. 1-4	Feb. 1-4	Mar. 7-10
If invited, complete final interview	Oct. 14-17	Oct. 14-17	Feb. 24-27	Feb. 24-27	Mar. 31-Apr. 3
If admitted, learn about assignment and accept or decline offer	Oct. 31-Nov.13	Oct. 31-Nov.13	Jan. 9-23	Mar. 13-26	Apr. 17-30

Full salary and benefits. Federal student loans deferred.* All majors and career backgrounds.
Apply now: www.teachforamerica.org

*Learn more: www.teachforamerica.org/compensation

* The GPA requirement is mandated by the school districts and credentialing programs with which we work. Certain exceptions apply. Please see our website for details.

** Certain exceptions apply. Please see our website for details. If you are an international student, you may be eligible to teach in your home country through Teach For All, the global network for expanding educational opportunity. For more information, contact apply@teachforallnetwork.org