ALL STAR CODE
Summer Intensive Program - Instructor
November 2015

Position: Summer Intensive Instructor (Computer Science)
Organization: All Star Code
Location: New York, NY
Dates: Full-Time Summer for 8 weeks, June 27th – August 26th, 2016
Compensation: $10,000

About All Star Code
All Star Code (ASC) is an innovative non-profit organization that is dedicated to closing the opportunity gap between young boys of color and the technology industry. We have mobilized a diverse community of technology executives, educators, engineers and coders to design an “ecosystem of education and access” for young men of color who are interested in becoming leaders in the fields of Computer Science and high technology. We launched in fall 2013 by organizing a series of amazingly successful introductory workshops, with the support and help of Spotify, General Assembly, Enstitute, Google, AOL and the Reginald F. Lewis Foundation.

Now in our third year, our program has demonstrated results, informed the field, and created significant demand among HS male students, parents and teachers. Our workshops and summer program provide low-cost and high-impact instruction and tech exposure, designed for implementation in any setting.

Poised for significant growth in 2016, we are looking for smart, talented, and enthusiastic individuals to join our Summer Intensive teaching team. All Star Code’s educational activities are experiential, hands-on, project-based and leadership-focused. Working at All Star Code means having a dual passion for the digital world and for equalizing opportunity for boys of color.

We ask our students to do their best, be willing to learn and to have fun. Our small team lives by this “Code” as well.

All Star Code Summer Intensive
All Star Code’s Summer Intensive is a 6-week summer program that equips high school boys of color with the knowledge, skills, networks and know-how to embark on careers in science and engineering in the tech sector. All Star Code’s experience-based model represents an innovative approach to Computer Science and programming education, as well as youth leadership development. We provide 200+ hours of intensive instruction with high-touch mentorship and exposure, led by mission-aligned engineers and entrepreneurs in the tech industry.
For the Summer Intensive, All Star Code will select 2 cohorts of 20 smart, talented and driven high school students (9th - 12th grade) to participate, from 9-5pm each weekday. These young men receive hands-on, project-based instruction in core computer science concepts and programming fundamentals, tech business exposure, as well as an explicit “soft skills” curriculum that teaches leadership, teamwork, self-assessment and other practices that are critical to success in the entrepreneurial world.

All Star Code is building the next generation of innovative male “hackers” of color. Our intensive coding instruction is combined with guest speakers, field trips and mentoring sessions from top entrepreneurs, executives, and technologists. Interactions with these local tech leaders and professionals help our students deepen the technical skills and leadership insights. Such exposure also helps our boys develop the self-confidence to continue hacking -- i.e., building apps, participating in hackathons, taking advanced CS and coding courses, exploring open source, and pursuing internships at tech companies.

POSITION
All Star Code seeks an enthusiastic Computer Science Instructor for its 2016 Summer Intensive. The instructor will be required to participate in a week-long training in New York City in June 2016 -- with full-time employment encompassing one week prior to the start date of the program and concluding one week after student graduation.

RESPONSIBILITIES
The Summer Intensive Instructor will:

- Lead instruction for 20 high school boys in All Star Code’s Computer Science Curriculum.
- Manage student behavior and interactions ranging from teamwork to various interpersonal conflicts.
- Support All Star Code staff and students in related company events including: student/parent orientation, summer benefit, demo day.
- Deliver effective and creative project-based lesson plans aligned with curricular and leadership goals, including soft skill and hard skill lesson plans.
- Manage and assess students’ progress in, and proficiency with, hard and soft computer science skills and report, develop, and execute plan of action with Curriculum Manager in support of outlying students.
- Manage 2 Teaching Assistants (TAs) who will support you with in-classroom management, lesson delivery, logistical tasks, equipment managers, etc.
- Work with All Star Code program staff to guide the delivery and flow of speakers, activities, and field trips.
- Act as a friendly, intelligent and professional on-site representative of All Star Code, managing various programmatic and logistical details, with both students and families, as needed, and serving as a liaison and host to executive level guests in the classroom and on field trips.
- Administer evaluations throughout the program’s duration to assess students’ understanding of computer science and coding concepts.
- Communicate and collaborate regularly and effectively with All Star Code’s program staff as well as the Curriculum Manager, as appropriate.
- Document and preserve student final projects for future demonstrations (e.g. via github or the web)

QUALIFICATIONS
This is a unique opportunity to join a talented and growing team working to re-envision computer science education and leadership training. The position affords the opportunity to work at the forefront of CS
education while impacting the lives of young men of color 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 preferred.
- Fluency in at least two programming languages.
- Demonstrated experience and maturity in managing a classroom of twenty 15 to 18-year-olds; ability to command a room of students.
- Experience teaching in an academically and culturally diverse 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.
- Likable, easy-going demeanor with a strong sense of humor.
- Must be able to commit to a full 8-week summer program schedule (the 6-week program plus 2 pre/post program weeks).

*Exceptional rising college seniors, new graduates and engineering professionals are encouraged to apply!

Preferred:
- Experience working with 14 to 17-year-old students.
- Previous experience teaching computer science or a related subject.
- Prior work experience as a software developer, data scientist or related role.
- Commitment to shaping the minds of the vanguard of next generation’s leaders of color in the computer science and technology fields.

Interested candidates should send a cover letter and resume to jobs@allstarcode.org. The subject of your application email should read, “SI Instructor.” In your cover letter, please provide a short response to the following question: “Why is introducing young boys of color to the world of Computer Science important to you?”

"Never doubt that a small group of thoughtful, committed people can change the world. Indeed, it is the only thing that ever has." - Margaret Mead.