



THE FUTURE OF WORK

BROOKE CHARTER SCHOOLS' COMPUTER SCIENCE PROGRAM FILLS AN URGENT NEED

The need to recruit more women and people of color into the technology industry is well documented and was highlighted again in a recent [Boston Globe Op-Ed](#) by influential local leaders. In Massachusetts, less than a third of technology employees are female while only 5% are Latinx and 3% are African American.

As part of our mission to prepare scholars to succeed in college, Brooke Charter Schools has made a commitment to computer science education. Our robust program supports scholars (90% of whom are students of color) to develop skills to design, create, solve problems, and express their ideas through technology. We are proud to be part of a pipeline to diversify the future of work and are excited to share a recent article in the [Christian Science Monitor](#), which highlights our efforts.

“Robotics is my favorite club. I love programming and anything to do with STEM. If I got a STEM-related job, I wouldn’t even think of it as a job. It would just be something I love to do every day.”

- Jonny Galvez

Brooke High School Junior and Founding Class Member



COMPUTER SCIENCE EDUCATION AT BROOKE IS MEANINGFUL AND ROBUST

- Brooke scholars begin taking computer science classes in 1st grade
- Brooke High School (BHS) students are required to take daily computer science classes for three years, learning programming, robotics, and software development
- Every BHS student will take Advanced Placement (AP) Computer Science
- Our new high school facility features four computer science labs and a robotics makerspace equipped with fabrication and benchtop tools
- The FIRST robotics team is one of the most popular high school clubs and one of the most diverse teams in the state with more than 50% girls and nearly all students of color

YOU CAN IMPACT BROOKE SCHOLARS AND THE FUTURE OF WORK

VOLUNTEER

We are seeking volunteers to support our FIRST Robotics club (everything from engineering to coding to marketing), as well as career exploration more broadly. If you are interested, please complete this [survey](#) to share information about your skills and availability.

TEACH

We have a few exciting [opportunities](#) to join the growing Brooke High School Computer Science department. If you are interested, apply today or contact Nicole Grandinetti, Director of Talent Recruitment (ngrandinetti@ebrooke.org).

DONATE

Our computer science program relies on private philanthropy. We are thrilled by the recent gift from Dell to support our efforts. If your organization is looking for ways to invest in the future of work, please contact our Chief Development Officer, Hagar Berlin (hberlin@ebrooke.org).