

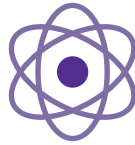
CS4CS COMPUTER SCIENCE FOR CYBER SECURITY SUMMER PROGRAM



CENTER FOR K12 STEM EDUCATION · DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The New York University Tandon School of Engineering's Center for K12 STEM Education and Department of Computer Science & Engineering are working to increase gender, racial, and socioeconomic diversity in the cyber security field, as an entry way to science, technology, engineering, and math (STEM) disciplines.

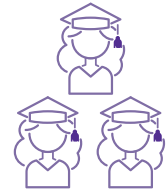
We propose to run a summer program for high school women and underrepresented minorities that will:



Provide them with a knowledge base and entryway to the fields of cyber security & computer science



Provide mentorship & inspiration from women already in the STEM fields



Provide a supportive cohort of peers

THE NEW YORK CITY SCHOOL SYSTEM

NYC has the largest US school system with

1,120,000
K12 Students



48.6%
Females



68.15%
Underrepresented
in STEM fields



78%
Economically
less advantaged

According to 2014-2015 public data



Women earn a small percentage of college degrees in computer science & information science than any other STEM field

NYU TANDON WILL...

Provide **48** Young Women



3 Weeks



2 Cohorts



Women
Mentors & Instructors



Cyber Security Knowledge



ABOUT THE CS4CS SUMMER PROGRAM



90 Hours



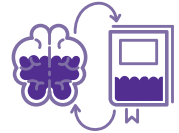
15 Days



**Instructions &
Hands-on Learning**



**Q&A
With guest speakers**



**Challenges &
Puzzles**

