



NYC Tech Talent Pipeline

Delivering quality jobs for our people and quality talent for our businesses

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Update on NYC Tech Hiring

#2

tech ecosystem in
the world

58%

decrease in entry-
level job postings

\$13b

new venture
funding for tech
startups

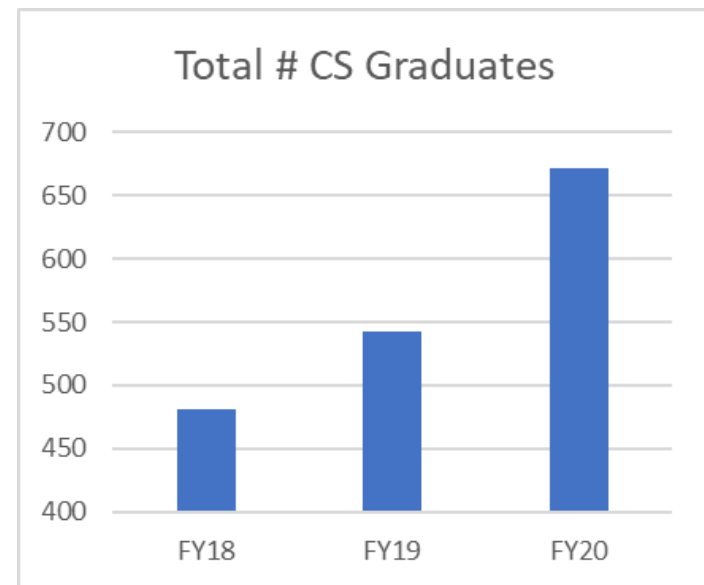
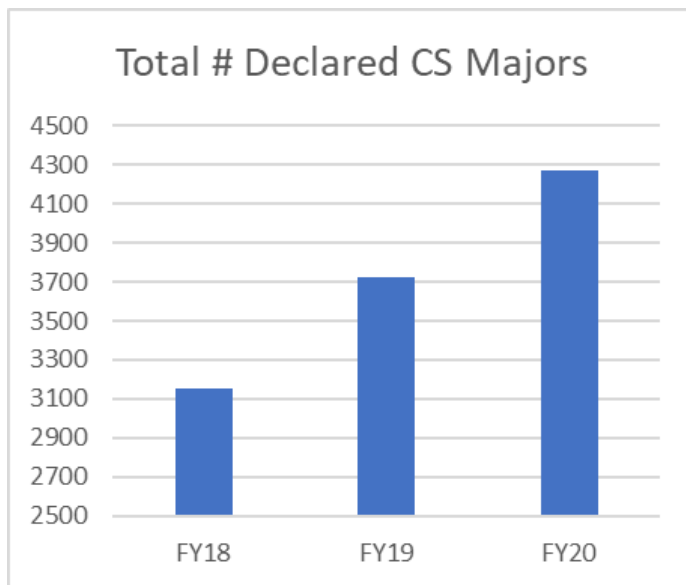
20%

decrease in CUNY CS
grads connecting to
tech jobs

“CUNY 2x Tech” Update

Launched in 2018, “CUNY 2x Tech” is a City initiative to 1) double the number of CUNY tech graduates within five years and 2) connect those graduates to full-time employment in the field.

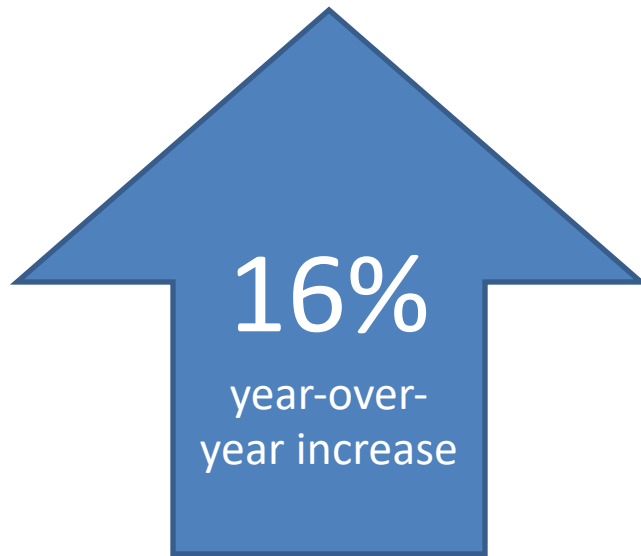
The initiative is on a pace that is ahead of schedule for doubling the number of CS graduates by 2022.



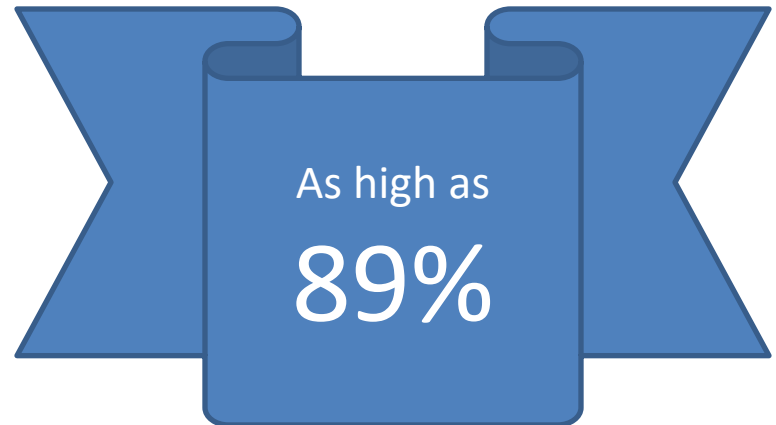
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Full-time employment rates for CUNY CS graduates have **significantly increased** at the colleges that are part of the initiative.



FT job offers by the time of graduation

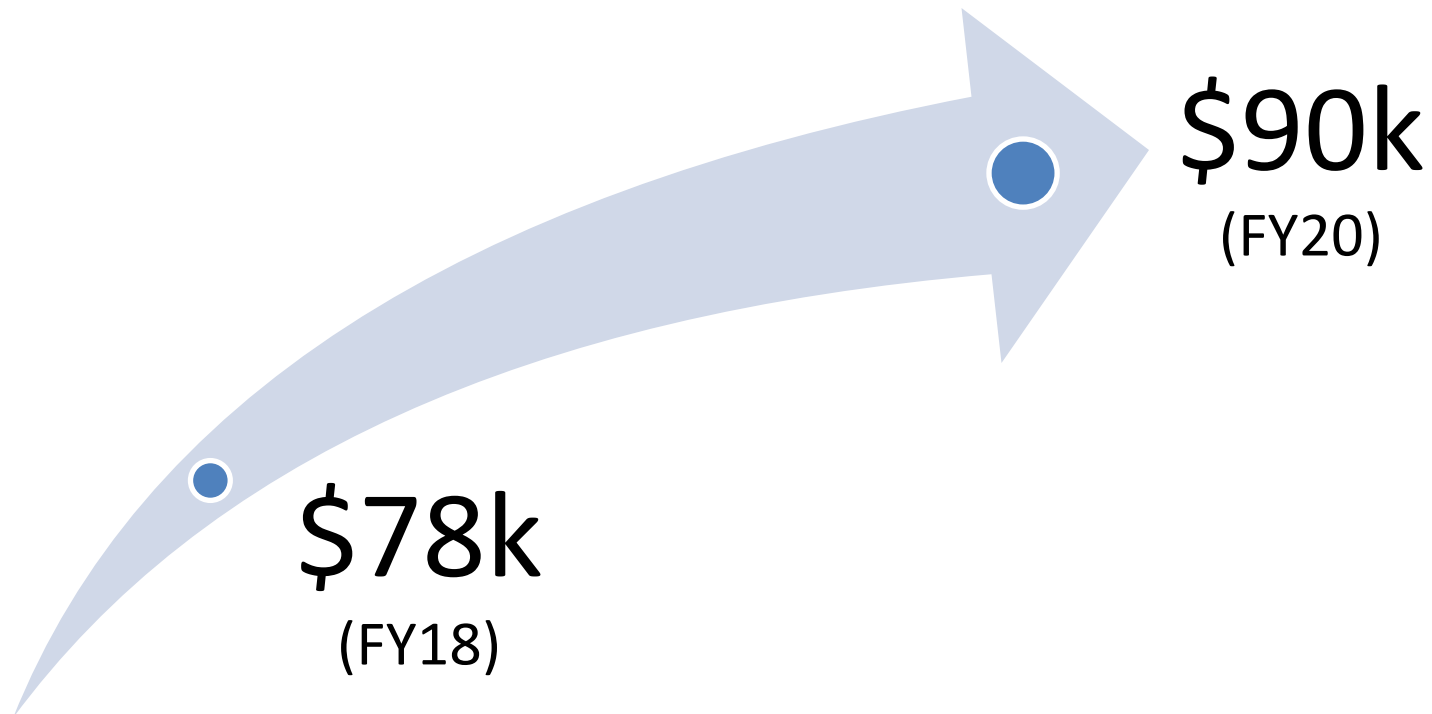


FT employment rate in the field
within two years

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Noteworthy curricular developments across CUNY CS Departments:

- Approvals for permanent courses to be run every semester in “Modern Software Engineering” and “Applied Web Development”
- Lower-level electives in Web Development
- Second required Data Structures course
- For-credit Technical Interviewing course
- Capstone-like Project-based course (1-, 2-, and 3- credit versions) that students will take immediately after Data Structures so they’ll be better prepared for internships

Industry Feedback


Increasingly in-demand:

- DevOps
- Containerization (i.e. – Docker, Kubernetes)
- Distributed/Cloud Computing (i.e. – AWS, GCP)

Industry Feedback

Where the internships are:

- 70% Web Dev
- 15% Data Analysis
- 15% “everything else”



For students to land internships, they need proficiency in both Web Dev and Data Structures **prior to the start of their junior year.**

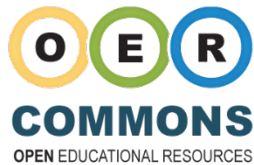
Supports available to your Department



Tech-in-Residence Corps

- Pool of over 100 pre-screened industry adjuncts available to your Department to teach in-demand topics

<http://tinyurl.com/q22b30rb>



Open Educational Resources (OER)

- Curriculum and instructional materials on in-demand topics available to all CUNY CS faculty

<http://tinyurl.com/8u2hj8b2>

Future Opportunities

We are prioritizing supporting faculty who pursue research and activities related to **inclusive** and **employment-focused** pedagogy

THE FACEBOOK WALL

What's on your mind?

THANK YOU

