# Investments in Higher Education

## The Challenge

The tech industry supports over 350,000 jobs in NYC; however, despite valuable skills in a rapidly growing sector, in 2015 only 20% of Computer Science (CS) students from the City's public colleges had secured employment by their graduation date.

## Our Solution

The NYC Tech Talent Pipeline (TTP) is making strategic investments in CS education at the City University of New York (CUNY) to increase graduation rates and connections to tech careers for New Yorkers.

## Our Strategy

Working with academic and industry leaders, TTP collaborates with CS faculty to understand the unique challenges on their campus and co-design sustainable solutions and investments. From the launch of the $20 million CUNY 2x Tech initiative; the development of the industry adjunct initiative, Tech-in-Residence Corps; and support of internship and training programs, TTP and its partners are expanding efforts to build solutions for student success at CUNY.

## Our Impact

Since 2017, TTP has worked with academic partners to achieve the following results:

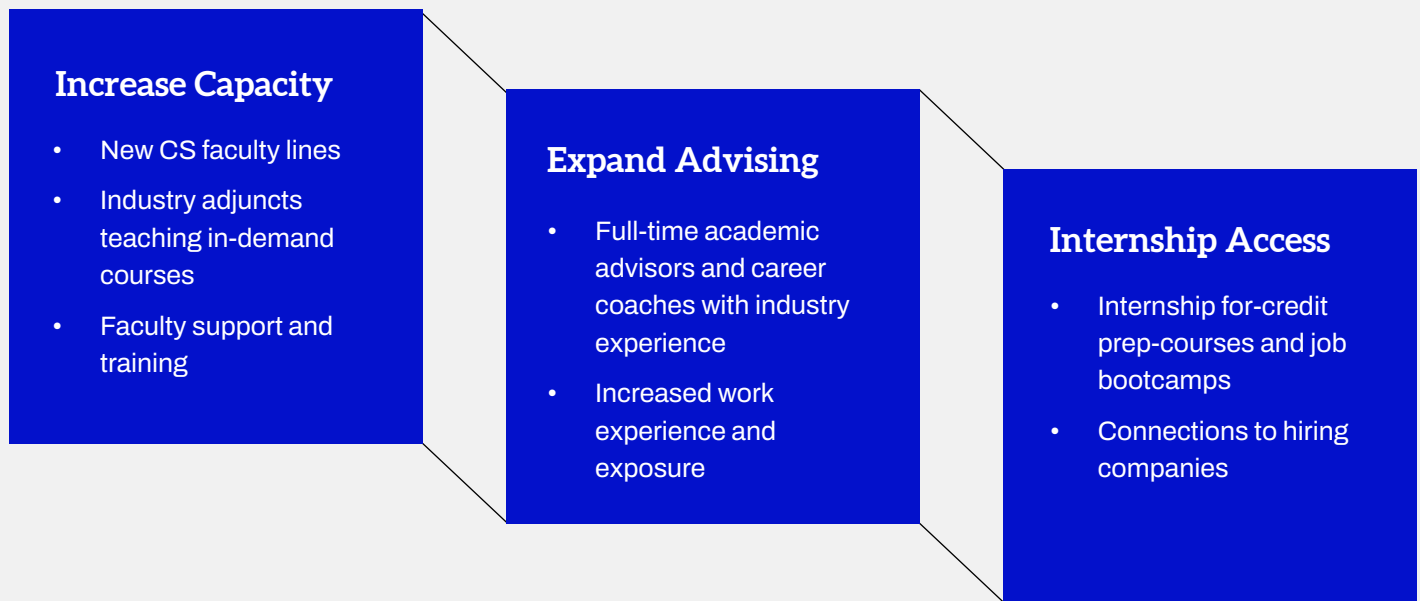| | |
|---|---|
| **$20M** | invested for new faculty lines, academic advisors, and student supports |
| **$92K** | average salary for graduates, increased from $78K prior to TTP intervention |
| **82%** | employment rate for schools that have worked with TTP for at least 3 years |
| **16%** | year-over-year growth rate in full-time job offers by the time of graduation |
| **5K** | students benefited from the industry adjunct program representing 50+ companies, serving 11 CUNY colleges |

" ## Grant Long
*Senior Economist, Street Easy*

It's exciting to be a part of the City's continued investment in growing and diversifying this in-demand talent pool and the resources available to them to help them grow in their careers.

# Campus-Centered Supports

Our investments have built sustainable programming for CS departments across 11 campuses.

## Increase Capacity

- New CS faculty lines
- Industry adjuncts teaching in-demand courses
- Faculty support and training

## Expand Advising

- Full-time academic advisors and career coaches with industry experience
- Increased work experience and exposure

## Internship Access

- Internship for-credit prep-courses and job bootcamps
- Connections to hiring companies

# Industry Partnerships

TTP collaborates with CS departments to establish longterm connections with industry through:

- **Departmental Industry Advisory Committee:** TTP has helped CS departments establish standing Industry Advisory Committees who use their expertise and willingness to support students in the software development job market.

- **Tech-in-Residence Corps (TIRC):** TIRC brings industry professionals into college classrooms to transfer their skillsets and applied knowledge directly to students and to collaborate with CS faculty.

- **Industry Volunteers:** Industry professionals help supplement department-led activities by leading technical workshops, soft skills trainings, student club events, mock interview sessions, career panels, and more.

*The Tech Talent Pipeline works with schools and faculty to build out solutions for student success.*

**3x** students with an academic advisor were nearly three times as likely to secure an internship

**2x** students that took a course taught by a tech industry professional were twice as likely to secure a job by their graduation date

Learn more about improving student outcomes.

techtalentpipeline.nyc/higher-education