



Cornell Tech Overview

Greg Morrisett
Jack & Rilla Neafsey Dean and Vice Provost

**CORNELL
TECH**

HOME OF THE
**JACOBS
INSTITUTE**



2011

Cornell University and Technion win NYC competition



2013

Cornell Tech welcomes its first class of masters students



2017

Roosevelt Island campus opens





New York's Goals

A world-renowned campus conferring graduate degrees and conducting research in the Applied Sciences with a commitment to innovation, commercialization, and the creation and retention of businesses and jobs in New York City.

- NYC Economic Development Corporation

Our Vision: *Cornell Tech drives the AI era towards lasting economic and social prosperity for New York and the world.*

Our Mission: *We develop leaders and technologies for the AI era through foundational and applied research, postgraduate education, and new ventures.*

Research



XR Collaboratory (XRC)

ARTIFICIAL INTELLIGENCE



Robotics Lab

ARTIFICIAL INTELLIGENCE



Car Simulator Lab

HUMAN-CENTERED COMPUTING



**Initiative for Cryptocurrencies
& Contracts (IC3)**

SECURITY & PRIVACY



**AIBI (AI for Biomedical
Imaging)**

ARTIFICIAL INTELLIGENCE



People-Aware Computing Lab

HUMAN-CENTERED COMPUTING



MakerLAB

HUMAN-CENTERED COMPUTING



Digital Life Initiative (DLI)

SECURITY & PRIVACY



Tech, Media & Democracy

TECHNOLOGY, SOCIETY, & ETHICS



**Clinic to End Tech Abuse
(CETA)**

SECURITY & PRIVACY

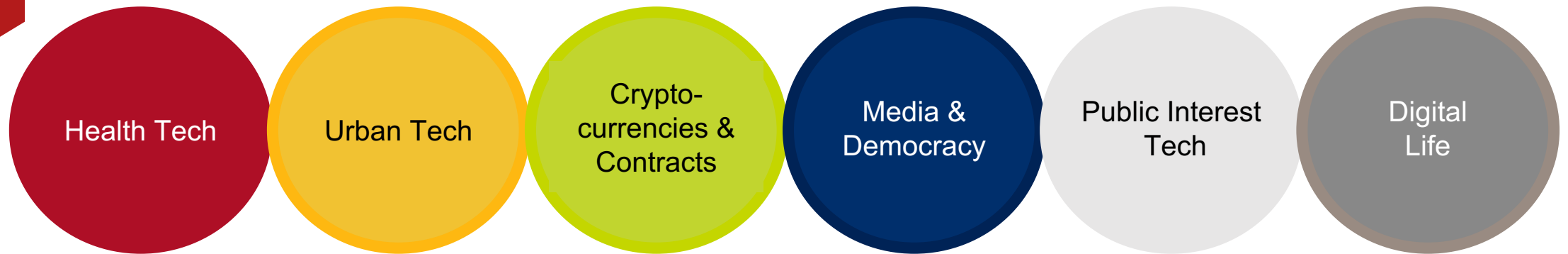


Data-Driven Decision-Making

BUSINESS & ENTREPRENEURSHIP

Key Research Domains

Leading Applications:



Through foundational research in:

- AI, Machine Learning & Data Science
- Security & Privacy
- Ethics, Law, & Policy
- Human-Centered Design
- XR, IoT, & Robotics



Education Programs

~500 Masters Students

Masters of Engineering

- Computer Science
- Electrical & Computer Engineering
- Operations Research & Information Engineering

Professional Masters

- Johnson Cornell Tech MBA
- Cornell Law LLM

Jacobs Technion-Cornell Masters

- Health Tech
- Media Tech
- Urban Tech

~100 PhD Students

PhD

- Computer Science
- Electrical & Computer Engineering
- Operations Research & Information Engineering
- Information Science
- Business

Education Innovation: Studio

Teaching students to “build things that matter”



Learning by building

Learning is realized through the practical application of skills.



Real-world relevance

We don't build for the sake of building. We build to solve problems and improve people's lives.



Multidisciplinary teams

We enlist the help of experts across domains and disciplines to multiply our efforts.



An Engine for Developing Startups

Spinouts at



**CORNELL
TECH**

Runways at

JACOBS
TECHNION-CORNELL
INSTITUTE
AT CORNELL TECH



Acquired by
Peloton



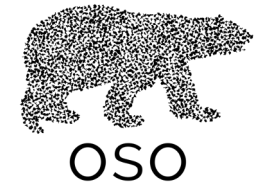
Acquired by
Infor



Acquired by
Circle Financial



Acquired by
Adobe



Broadening Access & Inclusion



K-12 Initiative

Impacts over 10,000 students and 200 teachers annually through:

- Competitions
- Fairs
- Mentoring
- On-campus activities
- Internships



Break Through Tech

Focus on undergraduate women and other under-represented groups for tech.

- 3,000+ students, 100+ companies
- Original program in NYC, Chicago, DC, Miami
- New AI program in NYC, Boston, LA



Looking Forward

Research

- Aim to be the leading translational AI campus in the world
- AI/ML, Urban Tech, Health Tech, Design, Ethics/Law/Policy, Trust & Safety

Entrepreneurship

- Scale from ~7 startups per year to ~15
- Introduce new “tracks” to better serve cohorts
- Engage with industry around innovation investments

Education

- New degree programs: Design & Tech, Data Science, Trust & Safety
- Continuing and executive education: part-time M.Eng., product design, AI for the board

Engagement

- Scale Break Through AI to 250 women per year in NYC
- Further connect Urban Tech hub with city agencies
- Scale out the campus

