NEW YORK INSTITUTE OF TECHNOLOGY

College of Engineering & Computing Sciences

INGENIUM

5TH ANNUAL AWARDS RECEPTION

Thursday, April 16

NYIT DE SEVERSKY MANSION

About New York Institute of Technology

New York Institute of Technology's six schools and colleges offer undergraduate, graduate, doctoral, and other professional degree programs in in-demand disciplines including computer science, data science, and cybersecurity; biology, health professions, and medicine; architecture and design; engineering; IT and digital technologies; management; and energy and sustainability. A nonprofit, independent, private, and nonsectarian institute of higher education founded in 1955, it welcomes nearly 8,000 students worldwide. The university has locations in New York City and Long Island, New York, as well as in Jonesboro, Arkansas. It also offers programs around the world. More than 118,000 alumni are part of an engaged network of physicians, architects, scientists, engineers, business leaders, digital artists, and healthcare professionals. Together, the university's community of doers, makers, healers, and innovators empowers graduates to change the world, solve 21st-century challenges, and reinvent the future.

SCAN THE CODE to learn more about the College of Engineering and Computing Sciences.

SCAN THE CODE to explore degrees, minors, and advanced certificates.

About the College of Engineering and Computing Sciences

The College of Engineering and Computing Sciences' high-quality undergraduate and graduate programs prepare students for advanced studies and challenging positions in business, government, and industry.

We are guided in this mission by the three tenets embraced by New York Institute of Technology:

- Professional preparation of students.
- Applications-oriented research.
- Access to opportunity for all qualified students.

Integral to our success: our faculty's dedication to teaching, scholarship, and service; the support of New York Tech alumni, advisory boards, friends, and employers; and the college's state-of-the-art facilities, which provide students with a solid foundation for achievement.

A Future-Focused Vision

- At New York Tech's College of Engineering and Computing Sciences, we stand ready to meet that demand by preparing you to meet 21st-century workforce needs and to pursue advanced graduate studies.
- New York Tech has been repeatedly recognized as a top-tier national university by U.S. News & World Report, ranked among the top 50 best engineering programs in the nation, and consistently placed in the top 10 percent for social mobility and top 25 percent for return on investment. Our commitment to access, innovation, and workforce readiness positions our graduates among the most competitive engineers and computing professionals in today's global marketplace.

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**New York Institute of Technology Board of Trustees Member*

College of Engineering and Computing Sciences Ingenium

ANNUAL AWARDS RECEPTION PROGRAM

Dean's Welcome	**Babak Dastgheib-Beheshti, Ph.D.** Dean, College of Engineering and Computing Sciences, New York Institute of Technology
President's Welcome	**Jerry Balentine, D.O., FACEP** President, New York Institute of Technology
Dean's Remarks	**Babak Dastgheib-Beheshti, Ph.D.**

LUMINARY AWARD PRESENTATIONS

Rising Stars Introduction	**Khalid Hachil (M.S. '19)** Electrical Engineer at Stantec
Rising Star Honoree Recipients	**Shanjee Kirupananthan (B.S. '18)** Software Engineer at Boeing **Robert Maksimowicz (B.S. '23)** Electrical Engineer at Leviton
Mid-Career Excellence Award Introduction	**Andra Voicu (B.S. '08)** President at Mac Fhionnghaile and Sons Electrical Contracting, Inc.
Mid-Career Excellence Award Recipient	**Richard Mortimore (B.S. '15)** Mechanical Engineer at The Turbochyll Company
Government-University Innovation Excellence Award Introduction	**Babak Dastgheib-Beheshti, Ph.D.**
Government-University Innovation Excellence Award Recipient	**Brookhaven National Laboratory** Gabriella Carini, Associate Laboratory Director, Discovery Technologies Directorate
Industry Partner Award Introduction	**A+ Technology & Security Solutions** David Antar, President
Industry Partner Award Recipient	**H2M architects + engineers** Rich Humann (B.S. '91), President & CEO
Hall of Fame Alumni of the Year Award Introduction	**Soyeb Barot (M.S. '05)** Vice President, Distinguished Analyst at Gartner, Inc.
Hall of Fame Alumni of the Year Award Recipients	**Thomas Van Laan (M.B.A. '84)** CEO of CloudCalc, Inc. **Oneil Gayle (B.S. '01)** CEO of Loring Consulting Engineers, Inc.

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2026 Annual Luminary Award Recipients



HALL OF FAME ALUMNUS OF THE YEAR

Thomas Van Laan (M.B.A. '84)

CEO, CloudCalc, Inc.

Thomas Van Laan (M.B.A. '84) is a CEO, engineer, and investor with over 45 years of experience in the engineering software industry. He served as CEO of COADE Engineering Software for nearly 20 years and is currently CEO and founder of CloudCalc, Inc. In addition to his New York Tech M.B.A., Van Laan holds an SB in Civil Engineering from MIT and an M.S. in Computer Science from Pace University. He is a licensed professional engineer in three states, authored the engineering text *Piping and Pipe Support Systems: Design and Engineering*, and has mentored and/or invested in nearly 50 tech startups.

Van Laan has been actively involved with New York Tech since 2012, primarily as a member of the Dean's Advisory Board of the College of Engineering and Computing Science, serving as chair for five years. During this time, he helped establish the Engineering and Technology Innovation Center (ETIC), played a key role in launching the inaugural Ingenium event, has been a regular guest speaker for the CoECS NESTS course, and has continuously funded a scholarship for women in engineering and computer science.

Since 2023, Van Laan has also been a member of the New York Tech Board of Trustees, co-chairing the Innovation and Entrepreneurship Committee. In this role, he was instrumental in creating Startup Tech Central, the university's hub for startup activity, and establishing the New York Tech Venture Investment Fund.



HALL OF FAME ALUMNUS OF THE YEAR

Oneil Gayle (B.S. '01)

CEO, Loring Consulting Engineers, Inc.

Oneil Gayle (B.S. '01) exemplifies how hard work, discipline, and focus can yield a meteoric professional rise. Since joining Loring Consulting Engineers, Inc. as a summer intern in 2002, Gayle has built an exceptional career on an accelerated trajectory, being named chief operating officer in 2016 and chief executive officer in 2023.

Jamaican-born, Gayle came to the United States on an athletic scholarship, earning a cum laude Mechanical Engineering degree at the New York Institute of Technology. A product of Loring's exceptional mentoring system, he has worked to develop a diverse, vibrant work community and provide a range of opportunities, including the next-gen mentoring and training program. Having championed Loring's expansion into new market sectors and geographic areas in the United States and Canada, Gayle has overseen the recent opening of an affiliated firm in Jamaica and the establishment of a scholarship for high-potential engineering students there.

Gayle's influence extends beyond the firm: after serving as a member of the Building Commissioning Association, Northeast Chapter's Board; the 2016 NYC Energy Conservation Code Advisory Committee for Commercial Buildings, and the American Council of Engineering Companies (ACEC) New York Chapter Energy Code Committee, he currently sits on ACEC NY's executive committee.

H 2 M architects + engineers



INDUSTRY PARTNER OF THE YEAR

H2M architects + engineers

Accepted by **Rich Humann (B.S. '91), President and CEO**

Richard (Rich) Humann (B.S. '91) serves as the chairman, president, and CEO of H2M architects + engineers, where he began his career as an intern in 1987. He is a licensed professional engineer in 17 states. Humann oversees the overall performance of the firm and drives the corporate mission, vision, and values, fostering a working environment that promotes employee engagement and positive culture. Under his leadership, H2M has expanded from approximately 220 employees to over 580 employees across fourteen offices serving clients in New York, New Jersey, Connecticut, Massachusetts, Pennsylvania, and Florida.

H2M's mission emphasizes "Our People, Our Clients, and Our Communities," with the goal of enhancing the quality of life in surrounding communities by empowering the firm's diverse talent to address built environment challenges in a sustainable manner. Rich believes that their work represents their legacy, highlighting sustainability as a fundamental responsibility. On every project, H2M aims for effective, comprehensive solutions that emphasize ecological sustainability and environmental stewardship.

Humann was honored with the New York State Society of Professional Engineers (NYSSPE) 2024 Engineer of the Year award, recognizing his outstanding contributions and dedication to the field of engineering.



MID-CAREER EXCELLENCE AWARD

Richard Mortimore (B.S. '15)

Mechanical Engineer,
The TurboChyll Company

Richard Mortimore (B.S. '15) is a mechanical engineer at The TurboChyll Company, where he focuses on energy-efficiency and infrastructure projects for New York City hospitals and commercial facilities.

He earned his Bachelor of Science in mechanical engineering in 2015 from the New York Institute of Technology. During his time at New York Tech, Mortimore served as president of the IEEE NYIT Old Westbury Chapter for four years and competed in the VEX World Championship Robotics competitions. In recognition of his achievements, he was inducted into the Robotics World Hall of Fame in 2016.

Beyond his professional accomplishments, Mortimore is a devoted family man who values time with his loving wife, Danielle, and their two beautiful children, Isabella and Mason. He is also passionate about giving back to the community, actively supporting STEAM programs at multiple high schools throughout the Long Island area.

Brookhaven National Laboratory

GOVERNMENT-UNIVERSITY INNOVATION EXCELLENCE AWARD

Brookhaven National Laboratory

Accepted by **Gabriella Carini, Associate Laboratory Director, Discovery Technologies Directorate**

Brookhaven National Laboratory advances scientific discovery and technological innovation in service to the nation, ensuring that research conducted at its world-class facilities delivers meaningful impact. Supported by the U.S. Department of Energy's Office of Science, the Laboratory brings together interdisciplinary teams to address critical challenges in energy, the environment, national security, and the fundamental understanding of matter.

Brookhaven provides unique scientific infrastructure and expertise that enable researchers from academia, industry, and government to collaborate and innovate. By fostering partnerships and expanding pathways for technology development and commercialization, the Laboratory strengthens regional and national economies while advancing solutions to the challenges of tomorrow.



RISING STAR HONOREE

Shanjee Kirupananthan (B.S. '18)

Software Engineer, Boeing

Shanjee Kirupananthan (B.S. '18) graduated with a B.S. in Computer Science. She is a software engineer at Boeing, working on autonomous vehicle control and aircraft health management systems. At Boeing's production facility in St. Louis, Mo., Kirupananthan and her team developed health management software for both the F/A-18 Hornet and the Super Hornet.

A dedicated advocate for STEM education, Kirupananthan volunteers as a referee or judge for FIRST Robotics competitions and mentors student teams. A New York City native and Stuyvesant High School graduate, at New York Tech, she tutored fellow College of Engineering and Computing Sciences undergraduates and became treasurer of the New York Tech Association for Computing Machinery.



RISING STAR HONOREE

Robert Maksimowicz (B.S. '23)

Associate Electrical Engineer, Leviton

Robert Maksimowicz (B.S. '23) holds a Bachelor of Science in Electrical and Computer Engineering. During his academic career, he spent over two years in the ETIC Lab as a project manager and electrical engineer, where he led the development of prototypes for NASA's T2X division.

Maksimowicz currently works full time as an electrical engineer at Leviton Manufacturing, serving as a product line engineer within the residential products division, working on electronic/firmware design and product development.

In addition to Maksimowicz's professional engineering career, he is the founder of Avant-Garde Labs, a manufacturing company focused on developing products for post-disaster environments and scenarios where internet connectivity is limited or unavailable.

By the Numbers

#25

Best Regional Universities (North)

U.S. News and World Report, 2026

#18

Most Innovative School (North)

U.S. News and World Report, 2026

2025–2026 BEST COLLEGES OF DISTINCTION

Recognized as an excellent school for engineering majors in recognition of New York Tech's engaged students, great teaching, vibrant community, and successful outcomes

TOP 2% OF U.S. COLLEGES

for Return on Investment (ROI) for Low-Income Students

Georgetown University Center on Education and the Workforce, 2022

#29

Top Performer on Social Mobility (North)

U.S. News & World Report, 2026

TOP 50

Best Undergraduate Engineering Programs (National - No Doctorate)

U.S. News and World Report, 2026

BEST 20

Engineering Schools in New York State (#1 in Long Island and #5 among private schools)

BestValueSchools.org, 2025

#33

Best Schools to Earn Your Cybersecurity Degree

Cyberdegreesedu.org, 2021

Highlights from the College of Engineering & Computing Sciences





New High-Tech Research Center Opens at Long Island Campus

New York Tech celebrated the grand opening of the Biomedical Research, Innovation, and Imaging Center (BRIIC) on May 16, 2025, a 20,000-square-foot state-of-the-art facility transforming the former 500 Building. The BRIIC houses advanced research technologies, including a multicolor 3-D STED microscope and a 2,000-squarefoot functional magnetic resonance imaging (fMRI) suite, supporting investigations in cancer, neurological disorders, and other critical biomedical challenges. Designed for collaboration, the center features open lab space, core labs, and flexible infrastructure for researchers. Led by alumni and supported by expert consultants, the BRIIC exemplifies New York Tech's commitment to expanding its research footprint and interdisciplinary innovation.

Scan QR code to read more.

New York Tech Launches Innovation & Entrepreneurship Academy to Empower Student Entrepreneurs

New York Tech's Innovation and Entrepreneurship Academy, launched in 2025, brings together a $5 million venture fund, state-of-the-art facilities, and hands-on programming to support student, faculty, and alumni startups. Central to the initiative is Startup Tech Central, a Long Island hub offering maker spaces, mentorship, and startup training. The academy also features NESTS (Necessary Eleven Steps to Tech Startup), an experiential course helping students transform ideas into viable businesses. Early successes include over 30 student-led startups. By combining cross-disciplinary resources, mentorship, and funding, the academy positions New York Tech as a regional leader in innovation and entrepreneurship education, driving economic growth and fostering the next generation of changemakers.

Scan QR code to read more.

New York Tech Joins Artificial Intelligence Doctoral Academy (AIDA)

New York Tech joined AIDA as an Associate Member, gaining access to a global, world-class network offering high-quality doctoral-level AI courses, research resources, mobility opportunities, and enhanced visibility for our faculty and students within the international AI community.

Launch of AI Minor

CoECS introduced a university-wide Artificial Intelligence (AI) minor, giving undergraduate students across all majors access to core foundational and applied AI skills that complement their major disciplines and prepare them for emerging AI-driven career paths.

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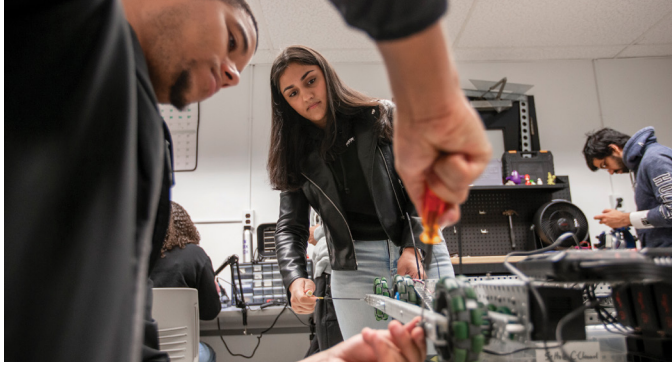
First Engineering Ph.D. Graduate

At New York Tech's 64th annual commencement ceremony on May 18, Michael Kohler (M.S. '22, Ph.D. '25) became the first New York Tech student to earn a Ph.D. from the College of Engineering and Computing Sciences.

Scan QR code to read more.







FACULTY ACCOMPLISHMENTS AND STUDENT SUCCESSES

CoECS Faculty Secure NSF Grants for Cutting-Edge Research

N. Sertac Artan, Ph.D., and Cecilia Dong, Ph.D., received $464K from the National Science Foundation (NSF) for research advancing online security through wearable and VR-based data analysis. In parallel, Yusui Chen, Ph.D., secured $150K from NSF to develop a cloud-based quantum computing and cybersecurity education platform. These awards highlight New York Tech's commitment to interdisciplinary research, cutting-edge technology, and student engagement in applied, high-impact projects.

Students Selected as Finalists in Port Authority Robotics Challenge

CoECS students advanced as finalists in the 2025 Port Authority Vehicular Tunnel Catwalk Robotics Challenge—developing autonomous robotic designs for use in the Lincoln Tunnel for use by the Port Authority of New York and New Jersey.

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CloudCalc

Salutes this year's honorees

NEW YORK INSTITUTE OF TECHNOLOGY

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Hall of Fame Alumni of the Year



Tom Van Laan (M.B.A. '84)
CEO, CloudCalc, Inc.



Oneil Gayle (B.S. '01)
CEO, Loring Consulting Engineers

Industry Partner of the Year

H2M architects + engineers

Mid-Career Excellence Award



Richard Mortimore (B.S. '15)
Mechanical Engineer, The TurboChyll Company

Government-University Innovation Excellence Award

Brookhaven National Laboratory

Rising Star Honorees



Shankee Kirupananthan (B.S. '18)
Software Engineer, Boeing



Robert Maksimowicz (B.S. '23)
Associate Electrical Engineer, Leviton

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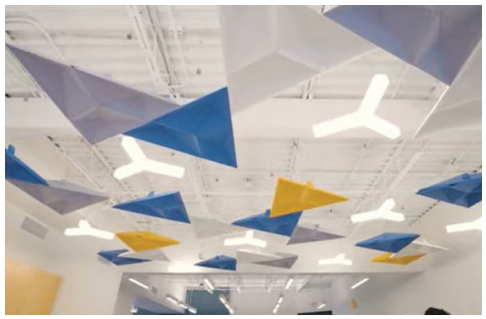
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We are excited about the future and the opportunities to continue to support businesses of all sizes globally as they digitize and automate their environments.



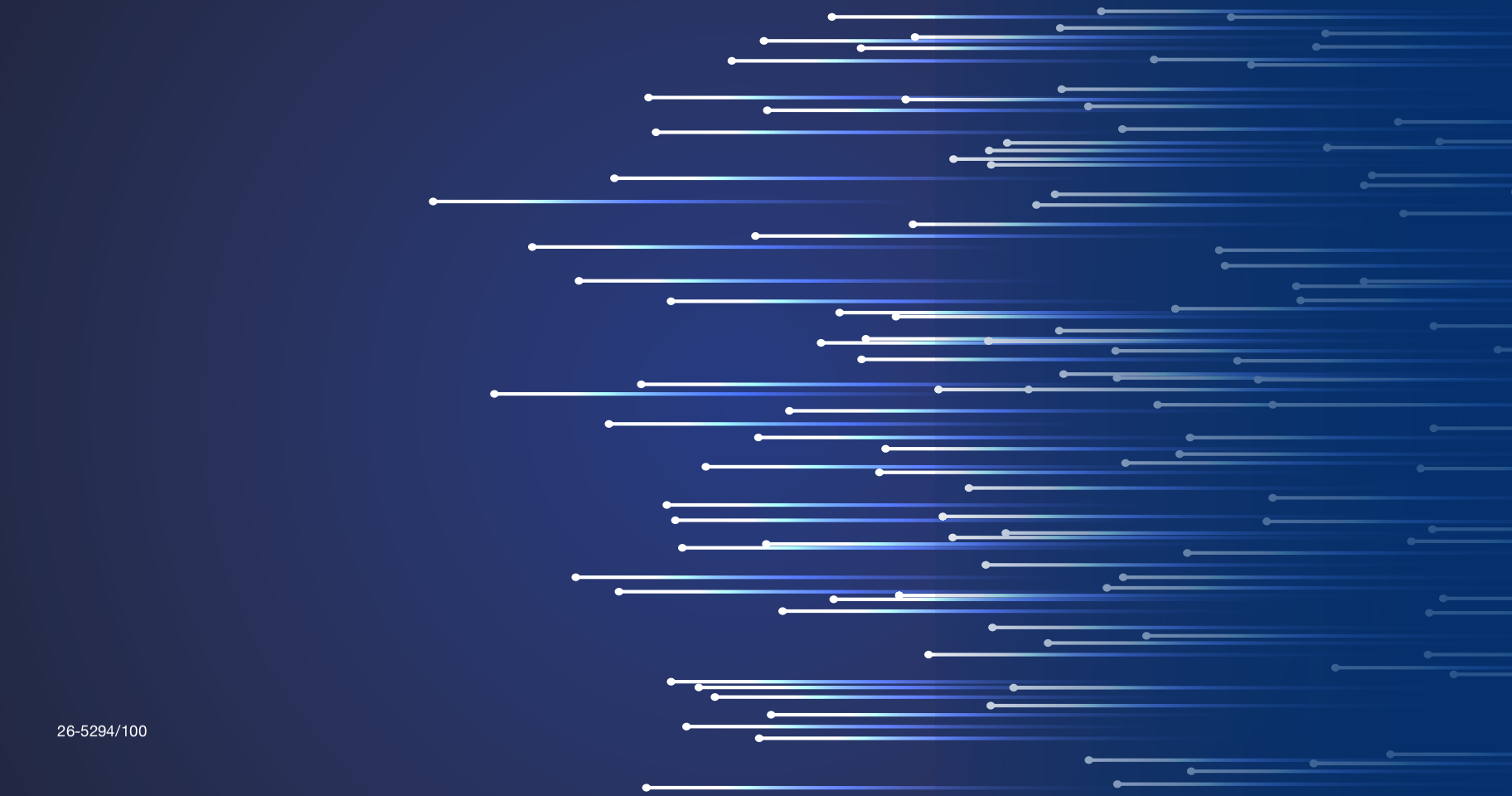




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