

Industry Assistant Professor or Industry Associate
Professor
New York University

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Posted Sep. 23, 2024, set to expire Jan. 24, 2025

Job Title	Industry Assistant Professor or Industry Associate Professor
Department	Tandon School of Engineering https://engineering.nyu.edu/research-innovation/centers/cusp
Institution	New York University Brooklyn, New York
Date Posted	Sep. 23, 2024
Application Deadline	Open until filled
Position Start Date	Jan. 15, 2025
Job Categories	Associate Professor Assistant Professor Prof of Practice/Clinical Prof Contract Faculty
Academic Field(s)	Construction Engineering/Management Computer Science Sustainable Engineering Architectural (Building & Construction)
Apply Online Here	http://apply.interfolio.com/155341
Apply By Email	
Job Description	

The [Center for Urban Science and Progress \(CUSP\)](#) at NYU Tandon School of Engineering invites applications for full-time, non-tenured, renewable faculty at the rank of Industry Assistant/Associate

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Professor, with the earliest start date of January 15, 2025.

CUSP is a dynamic research and academic hub dedicated to advancing data-driven solutions for the challenges facing modern cities. We are seeking candidates with expertise in urban science to contribute to the training of graduate students in CUSP's M.S. on Applied Urban Science and Informatics. We encourage applications from candidates with multi- or transdisciplinary academic backgrounds and interests in artificial intelligence, civic analytics, computational methods, data-informed decision modeling, data visualization, management, machine learning, and policy and governance. The position focuses on leveraging and bringing these fields to the classroom to address urban challenges, including sustainability, resilient infrastructure, social injustice, and global disruptions, such as pandemics or natural disasters. Ideal candidates will contribute to CUSP's mission of combining innovation, technology, and science to create impactful, scalable outcomes for both public good and private sector growth, including entrepreneurial opportunities that drive innovative solutions.

Qualifications

Candidates should have a Ph.D. in a relevant field (e.g., degrees in engineering, computer science, architecture, geography, business, economics, and the social sciences with a focus on urban science), with a strong record of academic, industry, or public-sector experience, technical innovation, and/or scholarship in CUSP's areas of focus. Candidates are expected to have a strong record of excellence in teaching and mentorship at all levels, from introductory to advanced studies.

Application Instructions

Please submit the following materials electronically through Interfolio: <http://apply.interfolio.com/155341>

- Cover letter
- Current CV
- A teaching statement describing experience and teaching philosophy (up to 2 pages)
- A statement of your experience with or knowledge of inclusion, diversity, equity, and belonging efforts and your plans for incorporating them into your teaching, research, mentoring, and service (up to 2 pages)
- Recent teaching evaluations (if available)
- Publications or related evidence of disciplinary work demonstrating research, teaching and engagement activities toward urban science and urban data science applications (up to 2 pages)
- Names and contact information for three references.

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We will review applications on a rolling basis starting October 21, 2024, and will continue until we fill the position. Questions regarding the search may be addressed to search chair Dr. Anton Rozhkov: anton.r@nyu.edu.

About us

The Center for Urban Science and Progress at NYU Tandon School of Engineering is an interdisciplinary research center dedicated to the application of science, technology, engineering, and mathematics in the service of urban communities across the globe. CUSP offers graduate programs in Applied Urban Science and Informatics, empowering our students with the knowledge and technical expertise to make cities around the world more productive, livable, equitable, and resilient. Situated on NYU's Brooklyn campus and with access to a world-class facility, CUSP's educational programs combine the development of science, technology, and engineering skills with experiential learning focused on how to apply those skills to effect positive change in the world.

New York University (NYU) is one of the top private universities in the United States, and NYU Tandon School of Engineering traces its roots back to 1854, building on an illustrious past as Brooklyn Poly and the NYU Polytechnic School of Engineering. Our mission is to excel in research, teaching, and entrepreneurship and inspire and educate engineers for the 21st century — backed by a historic commitment of \$1 billion to recruit new faculty, fuel groundbreaking basic and applied research in key areas, and expand the Downtown Brooklyn campus. NYU Tandon faculty are world-renowned leaders in science and technology, with a strong commitment to research, innovation, and entrepreneurship that make a difference in the world. We are deeply committed to teaching and learning, and with NYU's unrivaled global network of campuses, we promote a truly global engineering education. We lead in online education and in K-12 STEM outreach. Our students conduct Vertically Integrated Research projects and participate in an extensive undergraduate summer research program.

NYU Tandon is committed to substantially increasing the proportion of our faculty from historically underrepresented groups in STEM, and we encourage candidates from such groups to apply. We aspire to create a climate where diversity and inclusion are not only appreciated but considered an asset for creativity and innovation, and we seek faculty who have a real passion for a culturally diverse environment. We take pride in our high numbers of female students and students who are the first in their family to go to college. NYU belongs to the Higher Education Recruitment Consortium (HERC), which assists with dual-career searches, and our faculty members are supported by a range of work-life balance programs provided by the [NYU Office of Work Life](#)

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Additional Information

In compliance with NYC's Pay Transparency Act, the annual (9 month) base salary range for this position is \$85,000-\$125,000 for the Industry Assistant Professor rank and \$100,000-\$150,000 for the Industry Associate Professor rank. New York University considers factors such as (but not limited to) the scope and responsibilities of the position, candidate's work experience, education/training, key skills, internal peer equity, as well as market and organizational considerations when extending an offer.

EEO/AA Policy

NYU is an Equal Opportunity Employer and is committed to a policy of equal treatment and opportunity in every aspect of its recruitment and hiring process without regard to age, alienage, caregiver status, childbirth, citizenship status, color, creed, disability, domestic violence victim status, ethnicity, familial status, gender and/or gender identity or expression, marital status, military status, national origin, parental status, partnership status, predisposing genetic characteristics, pregnancy, race, religion, reproductive health decision making, sex, sexual orientation, unemployment status, veteran status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.

NYU aims to be among the greenest urban campuses in the county and carbon neutral by 2040. Learn more at nyu.edu/sustainability

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Anton Rozhkov
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