Post Doctoral position - Virtual Reality
New York University

Job Title	Post Doctoral position - Virtual Reality
Department	Mechanical and Aerospace Engineering - Biomedical Engineering
Institution	New York University Brooklyn, New York
Date Posted	Dec. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Robotics Computer Engineering Computer Science
Apply By Email	gl2861@nyu.edu

Job Description

New York University (NYU) is one of the top private universities in the United States, and the Tandon School of Engineering, located in Brooklyn, NY, is deeply committed to excellence in teaching and learning. Tandon fosters student and faculty innovation and entrepreneurship that make a difference in the world. The DSL was established sixteen years ago by Prof. Maurizio Porfiri (Institute Professor at Tandon School of Engineering and Director of the Center for Urban Science and Progress, with appointments at the Department of Mechanical and Aerospace Engineering, the Department of Biomedical Engineering, the Department of Civil and Urban Engineering, and the Center for Urban Science and Progress). The DSL is home to a highly collaborative, vibrant group of young scholars with complementary expertise across theory, experiments, and computations. The director, Prof. Porfiri, is the author of more than 350 journal publications and the recipient of numerous professional awards (Wikipedia/Maurizio_Porfiri).

Expectations
Candidates will be responsible for leading the design and testing of virtual reality systems, mentoring undergraduate, master's, and doctoral students, coordinating outreach activities, and supporting proposal writing and grantsmanship.
The successful candidate will have a demonstrated background in designing and implementing human-computer or human-robot interfaces; as exemplified by a strong publication record.
Previous experience on virtual reality simulations (e.g., Unity, C#, VR headsets) or user-interface prototyping for testing usability and interaction is desired.
Qualifications
Candidates should have a PhD in computer engineering, computer science, human-centered technology, innovation & design, robotics, neuroscience or related fields; or a related field. We welcome applicants with recent PhDs and individuals seeking additional postdoctoral training.
Candidates will be required to present eligibility to work in the United States.

Salary range
In compliance with NYC's Pay Transparency Act, the annual base salary for this position is $62,500 depending on the candidate's experience and qualification.

Application instructions
Applicants should submit, as one pdf, the following information:
? an up-to-date CV that includes a complete list of publications,
? a research statement that describes their interest and goals and how their research
relates to this position,
? copies of up to three relevant scientific papers,
? names and contact information for three references.
All application materials should be submitted electronically via Interfolio and to: gl2861@nyu.edu

Review of applications will begin as soon as possible and will continue until the position is filled.
Expected start date is: February 1st.

EEO/AA Policy

New York University is an Equal Opportunity Employer. NYU does not discriminate due to race, color, creed, religion, sex, sexual orientation, gender and/or gender identity or expression, marital

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or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, unemployment status or any other legally protected basis, and to the extent permitted by law. Qualified candidates of diverse ethnic and racial backgrounds are encouraged to apply for vacant positions at all levels.

Contact Information

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

Contact	Giulia Lombardelli
	Center for Urban Science and Progress (NYU)
	New York University
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Contact E-mail	gl2861@nyu.edu