Postdoctoral Scientist – Civil and Environmental Engineering
Stevens Institute of Technology

Job Title	Postdoctoral Scientist – Civil and Environmental Engineering
Department	Built Environment
Institution	Stevens Institute of Technology
	Hoboken, New Jersey
Date Posted	Aug. 4, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Computer Science
	Civil Engineering
Job Website	https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Postdoctoral-Scientist---Civil-and-Environmental-Engineering_RQ29349-1

Apply By Email

Job Description

The Postdoctoral Scientist will engage in advanced research in the field of infrastructure systems and disaster resilience within the Department of Civil, Environmental, and Ocean Engineering. The candidate will contribute to federally funded projects focused on data-driven decision-making, artificial intelligence applications in infrastructure assessment, and risk-informed planning under the supervision of Dr. Mohammad Ilbeigi. Responsibilities include designing and conducting experiments, developing analytical and computational models, publishing peer-reviewed journal articles, mentoring graduate students, and contributing to proposal development and collaborative research efforts.

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Key Responsibilities:

- Conduct independent and collaborative research on infrastructure systems, AI integration, or resilience modeling

- Analyze large datasets and develop computational tools or machine learning models

- Prepare high-impact publications and conference presentations

- Support the preparation of technical reports and research proposals

- Assist with the supervision and mentoring of graduate and undergraduate researchers

Qualifications:

- Ph.D. in Civil Engineering, Systems Engineering, Computer Science, or a related field

- Demonstrated experience in data analysis, modeling, or AI/ML applications

- Strong publication record in relevant peer-reviewed journals

- Excellent written and verbal communication skills

- Ability to work independently and collaboratively in a multidisciplinary team

Contact Information

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

Contact

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