

Postdoctoral Researcher
Stevens Institute of Technology

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Posted Feb. 6, 2024, set to expire Jun. 7, 2024

Job Title	Postdoctoral Researcher
Department	Mechanical Engineering
Institution	Stevens Institute of Technology Hoboken, New Jersey

Date Posted	Feb. 6, 2024
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Application Deadline	Open until filled
Position Start Date	Available Immediately

Job Categories	Post-Doc
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Academic Field(s)	Mechanical Engineering Computer Science
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Apply By Email

Job Description

Postdoctoral Research Position in Computational Science and Engineering at ECOLAB.

We are seeking a highly motivated and skilled Postdoctoral Researcher to join our interdisciplinary team at ECOLAB. The ideal candidate will have a strong quantitative background, with demonstrated experience and expertise in numerical optimization, surrogate modeling, and deep learning. This position offers the opportunity to contribute to cutting-edge research projects that integrate advanced computational techniques to solve complex problems across various domains.

Qualifications:

- PhD in Computer Science, Mechanical Engineering, Mathematics, or a related quantitative field.
- Profound knowledge of numerical optimization methods.
- Extensive experience in surrogate modeling and its applications.
- Proficiency in deep learning, including familiarity with current frameworks (e.g., TensorFlow,

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PyTorch).

- Strong programming skills in Python or similar high-level languages.
- Ability to work collaboratively in an interdisciplinary team, as well as independently.
- Excellent written and verbal communication skills for disseminating research findings.

US citizenship is required for this position.

Email your CV to: shima.hajimirza@stevens.edu

EEO/AA Policy

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status.

Stevens is building a diverse faculty, staff, and student body and strongly encourages applications from people of all backgrounds. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Contact Information

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

Contact Professor Shima Hajimirza
Mechanical Engineering

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Contact E-mail shajimi1@stevens.edu