Postdoctoral Position in AI, Machine Learning, and Biomedical Informatics
Wake Forest University, School of Medicine

Job Title	Postdoctoral Position in AI, Machine Learning, and Biomedical Informatics
Department	Pediatrics
Institution	Wake Forest University, School of Medicine
	Winston-Salem, North Carolina
Date Posted	Dec. 3, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Electrical and/or Electronics
	Computer Engineering
	Industrial & Systems Engineering
	Computer Science
	Bioengineering (all Bio-related fields)
	Engineering - Other

Apply By Email

Job Description

A postdoctoral position in AI, Machine Learning, and Biomedical Informatics is available in Dr. Movaghar's Group at Wake Forest University, School of Medicine. This position focuses on developing computational models to detect complex disorders using electronic health records (EHRs) and high-dimensional bio-psychosocial data. Applicants with experience analyzing EHRs or patient data registries are strongly encouraged to apply.

Key Responsibilities

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- Develop and implement advanced machine learning algorithms for EHR analysis.
- Collaborate with interdisciplinary teams on designing and executing research projects.
- Publish findings in high-impact journals and present at leading scientific conferences.
- Mentor and guide students and interns in research projects.

Required Qualifications

- PhD in Computer Science, Electrical Engineering, Biomedical Engineering, or related fields.
- Strong expertise in machine learning and statistical modeling.
- Proficiency in Matlab, R, or Python.
- Proficiency in scientific writing and academic presentation

How to Apply

Submit your application, including CV, and contact information for references, to Dr. Movaghar via email (amovagha@wakehealth.edu). Applications will be reviewed on a rolling basis until the position is filled.

About Wake Forest University School of Medicine

Wake Forest University School of Medicine (WFUSM) is a U.S. News and World Report top 50 ranked medical school, integrated with a world-class health system, Atrium Health. WFUSM, the academic core of Atrium Health Enterprise, is a recognized leader in experiential medical education and groundbreaking research that includes Wake Forest Innovations, a commercialization enterprise focused on advancing health care through new medical technologies and biomedical discovery. ?

Atrium Health Wake Forest Baptist is based in Winston-Salem, North Carolina and is part of Advocate Health, which is headquartered in Charlotte, North Carolina, and is the fifth-largest nonprofit health system in the United States, created from the combination of Atrium Health and Advocate Aurora Health. AHWFB is an 885-bed tertiary-care hospital in Winston-Salem – that includes Brenner Children's Hospital, five community hospitals, more than 300 primary and specialty care locations and more than 2,700 physicians. Our highly integrated academic and clinical environment is deeply committed to improving health, elevating hope, and advancing healing – for all.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact	Arezoo Movaghar
	Wake Forest University, School of Medicine
	Winston-Salem, NC
Contact E-mail	amovagha@wakehealth.edu