Job tile: Harvard Medical School - Postdoctoral Research Associate Position at the Center for Biomedical Informatics

Summary:

The Center for Biomedical Informatics (CBMI) https://cbmi.med.harvard.edu at Harvard Medical School is looking for a Research Associate to help build cutting edge research platforms. The real value in biomedical research lies not in the scale of any single source of data, but in the ability to integrate and interrogate multiple, complementary datasets simultaneously. We are combining clinical and genomics data across different scales and resolutions to enable new perspectives for essential biomedical questions. The research focuses on the development of novel methods and techniques for the integration of multiple heterogeneous clinic cohorts, Electronic Health Records data and multiple types of genomics data to encompass biological observations.

Responsibilities:

The Research Associate will be responsible for developing novel methodologies and applications to facilitate high-throughput phenotype extraction, harmonize content with biomedical ontologies and integrate clinical and molecular genomic data.
The diversity of subject matter will require a creative mind and a candidate capable of deploying imaginative strategies and who is dedicated to solving complex and challenging problems within an interdisciplinary environment.

Requirements:

Candidates must have a PhD degree (or MD/PhD.) in biomedical informatics, bioinformatics, Computational Biology, computer science, or a related field. Curriculum in and/or experience with standardized ontologies, terminologies, metadata, and related technologies as well as experience in programming and software development will be necessary for this opportunity. The candidate interested in this position must be highly motivated, willing to learn and demonstrate initiative in assigned tasks. Excellent written and verbal communication skills are crucial.

Preferences:

Preferred requirements for this position include experience with the Unified Medical Language System (UMLS), statistics, data mining and machine learning. Experience with R, Python, and/or Perl is desirable.

Terms:

The position is available immediately and can be renewed annually.

CENTER FOR
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HARVARD MEDICAL SCHOOL

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How to apply:
Email applications including curriculum vitae, summary statement of personal objective and research interests, PDFs of the best two papers, and the names and email addresses of three references to: paul_avillach@hms.harvard.edu

Harvard Medical School is an Equal Opportunity/Affirmative Action Employer. Women and minorities are especially encouraged to apply.

For additional information contact:

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