

Postdoc Position in NLP/ML for Public Health
University of Pennsylvania

Direct Link: <https://www.AcademicKeys.com/r?job=186091>

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Posted May 22, 2022, set to expire Sep. 21, 2022

Job Title Postdoc Position in NLP/ML for Public Health
Department Computer and Information Science
<https://sharathg.cis.upenn.edu/>
Institution University of Pennsylvania
Philadelphia, Pennsylvania

Date Posted May 22, 2022

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Public Health/Biostatistics/Epidemiology
Informatics - All Categories
Health Education & Promotion
Community Health
Health Sciences - General

Job Website https://docs.google.com/document/d/e/2PACX-1vS0NQS44aOsmc5-z_s68siFNatQsmr4DnGfPXpBCBTwwS9vklkid5EfaseFrxedeWgAob97ThJS0fL/pub

Apply By Email sharathg@seas.upenn.edu

Job Description

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Description: We are seeking a highly motivated post-doctoral fellow to play a lead role in developing machine learning and natural language processing algorithms to inform precision public health communication based on large-scale social data from multiple media platforms in India, sub-Saharan Africa, and the United States. We are interested in developing algorithms to 1) identify and monitor misinformation that impedes health behaviors (e.g. vaccine uptake) and 2) facilitate the rapid development and testing of appropriate messages backed by tested theories (e.g. inoculation messaging). This work will be done as part of an interdisciplinary team spanning computer science, behavioral economics, and psychology at the University of Pennsylvania.

Eligibility: An ideal candidate has:

A Ph.D. degree or equivalent

Strong background in natural language processing and machine learning

Motivation to advance data science methods for public health in the global south

Strong research skills with prior publications

Strong programming skills, experience in working with multilingual data, and experience mentoring students are a plus.

Application process

To apply, please send the following to Dr. Sharath Guntuku (sharathg@cis.upenn.edu) under the subject 'Postdoc Position Application - Data Science for Public Health';

Your current CV

A 1 to 2-page research statement including your preferred start date

Links/PDFs of two representative publications

Two or more references that we can contact for a letter

Applications will be accepted until the position is filled and will be reviewed by an interdisciplinary team:

Prof. Alison Buttenheim (Penn Center for Health Incentives and Behavioral Economics)

Prof. Lyle Ungar (Computer Science / World Well-Being Project)

Prof. Sharath Guntuku (Computer Science)

EEO/AA Policy

The University of Pennsylvania is an EOE/Affirmative Action Employer.

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Contact Information

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

Contact Sharath Guntuku
Computer and Information Science
University of Pennsylvania
Philadelphia, PA 19104

Contact E-mail sharathg@seas.upenn.edu