



**Tenure-Track Assistant Professor**

Yale School of Medicine  
Biomedical Informatics & Data Science

**Visiting Professor**

EPFL School of Computer Science  
Machine Learning & Optimization Lab

July 28, 2024

Job Description

## [Lab and Open-Source AI Community Manager]

Biomedical Informatics & Data Science  
Yale School of Medicine  
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The **Laboratory of Intelligent Global Health and Humanitarian Response Technologies (LiGHT)** is looking for an **exceptional, dynamic, and highly organized candidate to manage our global open-source and laboratory community.**

The role engages our vibrant, inclusive, and creative global community to advance our mission of leveraging academic rigor to create implementable AI tools for public good.

### ABOUT YALE

The Department of Biomedical Informatics and Data Science [BIDS] in the Yale School of Medicine [YSM] has a mandate to create research, teaching, and service that ensures equity in the digital transformation of healthcare.

YSM, established in 1810, is a leading institution combining education, research, and clinical practice. With a long-standing commitment to excellence, it provides a dynamic environment with work recognized globally by several Nobel prizes and practice-changing innovation. Employees at Yale have the opportunity to work alongside respected scholars and top students and participate in a diverse range of programs.

### ABOUT LiGHT

LiGHT is a global community of exceptional academics, humanitarians, clinicians, volunteer open-source enthusiasts, and global health specialists. Our lab participates in the full cycle of implementable data-driven global health research, from clinical studies in LMIC communities to innovating novel optimization strategies that adapt our tools to these settings.

We build technologies that ensure local data ownership, and co-design tools with our long-term collaborations in South Africa, Tanzania, Rwanda, Nigeria, Switzerland, Namibia, Senegal, and several NGOs. Our group maintains a large portfolio of open-source technologies and foundation models, and we are committed to leveraging academia to ensure sustainable, implementable innovation to improve health care in resource-limited settings.

### YOUR PROFILE

- Exceptional, energetic, and organized with a high socio-emotional intelligence
- Growth mindset and passion for providing social good at individual and global scales
- At least an MSc in some combination of DS/ML/AI/CS and have a broad understanding of the importance of open-source technologies
- Superb communication skills and ability to engage with a young dynamic international community
- Comfortable in a multi-project lab, task management, prioritization



## YOUR MISSION

- Maintain a broad overview of all lab activities, members, and collaborators
- Manage organizational tools and coordinate communications within the team
- Support our many undergrad students to maximize learning, impact, and value
- Organize lab meetings, journal clubs, and large-scale international knowledge exchange symposia
- Manage lab website and external communications
- Support exchange students
- Assist in teaching activities
- Organize our community-building activities and outings

## SKILLS REQUIRED

- Exceptional, confident, and professional communication in English (fluent speech and writing)
- High socio-emotional competence, able to identify students in need of support and create an empathetic open space for communication
- MSc or similar in ML/AI/DS/CS or similar, with a broad understanding of open source (familiar with Github, huggingface, slack etc.)
- Experience in large-scale project management

## SKILLS PREFERRED

- Public/global health expertise
- Experience in LMICs (esp Sub-Saharan Africa)

## WE VALUE

- Creativity
- Passion
- Humor
- Kindness
- Organization
- Rigor
- Autonomy
- Diversity
- Openness&Transparency
- Adventure
- Generosity
- Hard work

## WE OFFER

An exciting and dynamic environment in a very talented and motivated international team.  
Strong potential impact in research, applications, and the open-source community.

**Start date :** ASAP  
**Term of employment :** Fixed-term  
**Work rate :** 100% (Must be based in the US)  
**Duration :** 1 year fixed-contract. with possible extension

**APPLY :** via the LiGHT lab website <https://www.yale-light.org/join-us>

