

# HABITS LAB

# HIRING

# POSTDOC



## ABOUT US

The HABits Lab is at the intersection of computer science and preventive medicine.

We design, build, and analyze end-to-end mobile health (mHealth) systems, while focusing on processing its data to help answer health-related questions.

By analyzing continuous streams of data provided by smartphones and wearable sensors, we use signal processing and machine learning to better understand a person's behaviors, psychological states, and environmental context.

## RESPONSIBILITIES

- Manage NIH sponsored research projects
- Contribute to development of wearable sensor hardware and firmware
- Guide design of machine learning models for sensor analytics of health risk behaviors
- Plan and author federal grant proposals

## QUALIFICATIONS

- Experience in wearable hardware engineering
- Experience in machine learning analytics for time-series data
- Project management/supervision skills
- Working knowledge of behavioral medicine concepts preferred

## APPLY NOW



## WHY HABITS LAB?

### Resources and support

The HABits Lab is the first computer science lab in Northwestern's Feinberg School of Medicine (FSM). We have access to the resources of both FSM and the McCormick School of Engineering, equipping us for the challenge of applying advanced computing to problems in healthcare.

### Advancement

HABits Lab postdocs have gone on to obtain competitive roles in industry, including...

- Apple
- Hewlett-Packard
- Meta
- Salesforce