

Background:

Civilience is a health security platform that helps people engage safely in the business of life – work, study, travel, entertainment – by identifying infectiousness (pandemic or seasonal), through symptoms and vitals data obtained from integrated software app and hardware accessories. We are a startup in stealth mode, because we are the only proactive tool that safely screens individuals well before their activity – allowing for better planning, increased productivity, reduced liability, and above all, a world with our full participation.

We are growing quickly and are currently seeking involvement from graduate students with a background or focus in the areas of infectious disease epidemiology, biostatistics, data analysis, and/or qualitative research.

For students concentrating in epidemiology:

We are seeking to ensure that we are collecting the right data (asking the right survey questions on our app) in order to accurately assess infectiousness (first covid-19, then seasonal flu, cold, etc.). Are you concentrating in infectious disease epidemiology with experience in, or understanding of, qualitative research (how to design survey questionnaires) particularly in order to assess infectiousness? It's a plus if you're knowledgeable of COVID-19, or can apply your knowledge base to COVID-19, or have access to faculty mentors who are knowledgeable of COVID-19.

In this role, you'll be able to:

- Inform us of the appropriate data sets we should acquire when surveying individuals, in order to determine where they fall on an infectiousness scale – for conditions such as COVID-19, seasonal flu, and cold.
- Guide us on modifying/adding/deleting data sets (especially as understanding of COVID-19 evolves).
- Advise not only on WHAT questions to ask, but HOW to ask the questions in order to obtain most the accurate data.

For students concentrating in biostatistics:

We are seeking to ensure that data we have collected from individuals is being optimally correlated and weighted in order to accurately assess the infectiousness of the individual (first COVID-19, then seasonal flu, cold, etc.). Are you concentrating in biostatistics, with experience/knowledge of modelling infectious disease data, particularly in order to assess infectiousness? It's a plus if you know how to code and are knowledgeable of COVID-19 (or can apply your knowledge base to COVID-19, or have access to faculty mentors knowledgeable of COVID-19).

In this role, you'll be able to:

- Fine-tune our algorithm so that the data sets we have collected through survey questions are correlated and weighted optimally in order to accurately assess the individual's infectiousness.

- Differentiate the identification of the type of infectious states – COVID-19, seasonal flu, cold, etc.
- Enable the algorithm to become more intelligent over time – so as to predict the likelihood of becoming infectious in the near future (vs. identifying only current infectious states underway).

For all positions

Specifics:

- Start Date: now!
- All positions are remote, and will require ~10 hours per week
- Duration: July-August (with possibility of long-term engagement)
- While this is an unpaid position, we are happy to work with you and the School to ensure that you can earn academic credit for your work. Additionally, you will have the opportunity to serve as an advisor to the company, and we are happy to serve as references and provide you with recommendation letters in the future.

To apply, please send a resume highlighting your previous work experience and/or academic coursework in relevant areas (i.e. infectious disease epidemiology, biostatistics, qualitative research, data analytics, business intelligence), and a link to your LinkedIn profile to hr@civiliance.network.