Today, there are over 40 million seniors aged 65 years and over who suffer from multiple chronic conditions. In order to improve quality of care and reduce cost we must find an effective way to engage this population. But, it is a tough problem to solve because this group is not your typical smartphone user or a Fitbit adopter or a Facebook affectionate. There is very little digital data available for this group to understand their behavior and influence change; they are “digitally dark”.

At CareCognitics, a digital health company with a mission of enhancing health care through data science, we are addressing this problem. Through value based programming, predictive modeling and personalized rewards, our platform increases the engagement of managed health care for this group of people.

We are currently working with over 10 Physicians and managing over 2000 patients. Our path ahead is critically dependent on generating insights and predictive models that will help us manage these patients in a timely and a proactive manner.

Roles and Responsibilities
Currently there are some credible risk indexes, which can accurately segment patients based on their health conditions. These help with understanding clinical risk profiles and help us answer “Based on health conditions who needs more attention”. The problem with this index is that it is based on past behaviors that may have caused certain chronic conditions. In addition, these indexes look at previous healthcare costs and some of these costs may be accidental and/or one time not in control of the person.

We want to create a Behavior index that primarily focuses on current behavioral data that indicates if the individual is showing good or bad health behaviors that are mostly in control of the individual. For example:

- Are you taking medications on time?
- Are you keeping up with the prescribed tests?
● Are you frequently visiting your PCP?
● Do you respond to communications from your PCP?

Once created, this index will help us prioritize our attention and incentives to the segments that needs the most attention today.

Education and Qualifications
Masters or PhD level CS student

Preferred Skills
Data science research experience a plus

How to Apply
Send resume to stara@carecognitics.com