
ARUNKUMAR SRINIVASAN
&
JOHN LOONSK

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Required Skills:

Web Development, Stand Alone App Development, Java, Python, Responsive Web Design, Human Centered Design, Workflow/Process Optimization, Open Source Databases, Analytics/Machine Learning, Project Management, Technical Writing, Communications

Preferred Team

Communications:

Google Hangouts, Skype

Data Sources:

No Personal Identifiable Information (PHI) is present in the data.

Other Items:

Project has no geographic requirements.

LEVERAGE POPULATION HEALTH DATA TO IMPROVE PATIENT
ADHERENCE IN COMMUNITY REFERRAL

Lifestyle change and intervention referrals made to patients at point of care are often not followed up by the patients due to lack of context. In this project the students will develop a provider facing app that visually charts where the patient fits in the population. This will help the physician see where the patient falls in the population so appropriate counseling can be offered. The students will also develop a patient app that shows the outcome possibilities with adherence rates. e.g. A1C levels among similar population completing the referral vs. ones who do not complete the full course vs. ones that do not register

PROJECT OBJECTIVES

Identify and leverage pop health measures at point of referral to educate and persuade referral adherence

SUCCESSFUL PROJECT

Development of a patient app.

Intellectual Property: Project involves a government agency so the resulting project is made available to the public. Students do not own IP. Students will be recognized as contributors