
ARUNKUMAR SRINIVASAN
&
JOHN LOONSK

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Required Skills:

Web Development, Java,
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. CDC will provide synthetic
data for the project.

Other Items:

Project has timezone flexibility.
Mentors and students will
determine a good time for virtual
meeting

SOCIAL DETERMINANT HEALTH DATA

Identify and Use Social Determinant Health Data to Improve
Patient Engagement in Service Referral

PROJECT OBJECTIVES

Identify, use, and present data to inform provider patient risk
assessments leading to coordination of health and health-related
service referral(s) with appropriate adherence tracking using
FHIR-based application(s).

SUCCESSFUL PROJECT

Develop and deliver a provider facing app that offers a visual
health risks assessment and allows the provider to discuss,
consider, and refer to eligible solutions and services.

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