



# HeartBit

Save yourself and Save your Family

# Our Team Developers

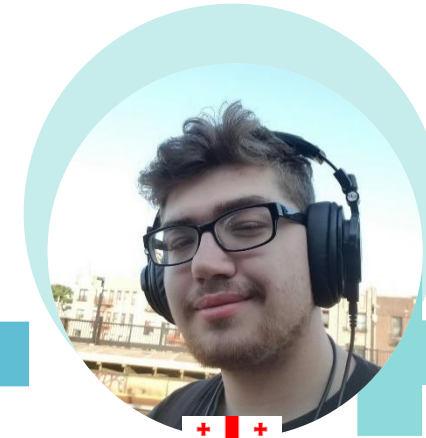


South Korea

**JunWon Sung**

CS Language Skills

Java, JavaScript,  
Scala, C, C++, R



Georgia

**Edgar Ustian**

CS Language Skills

C, Java,  
JavaScript, Python, Scala



United States

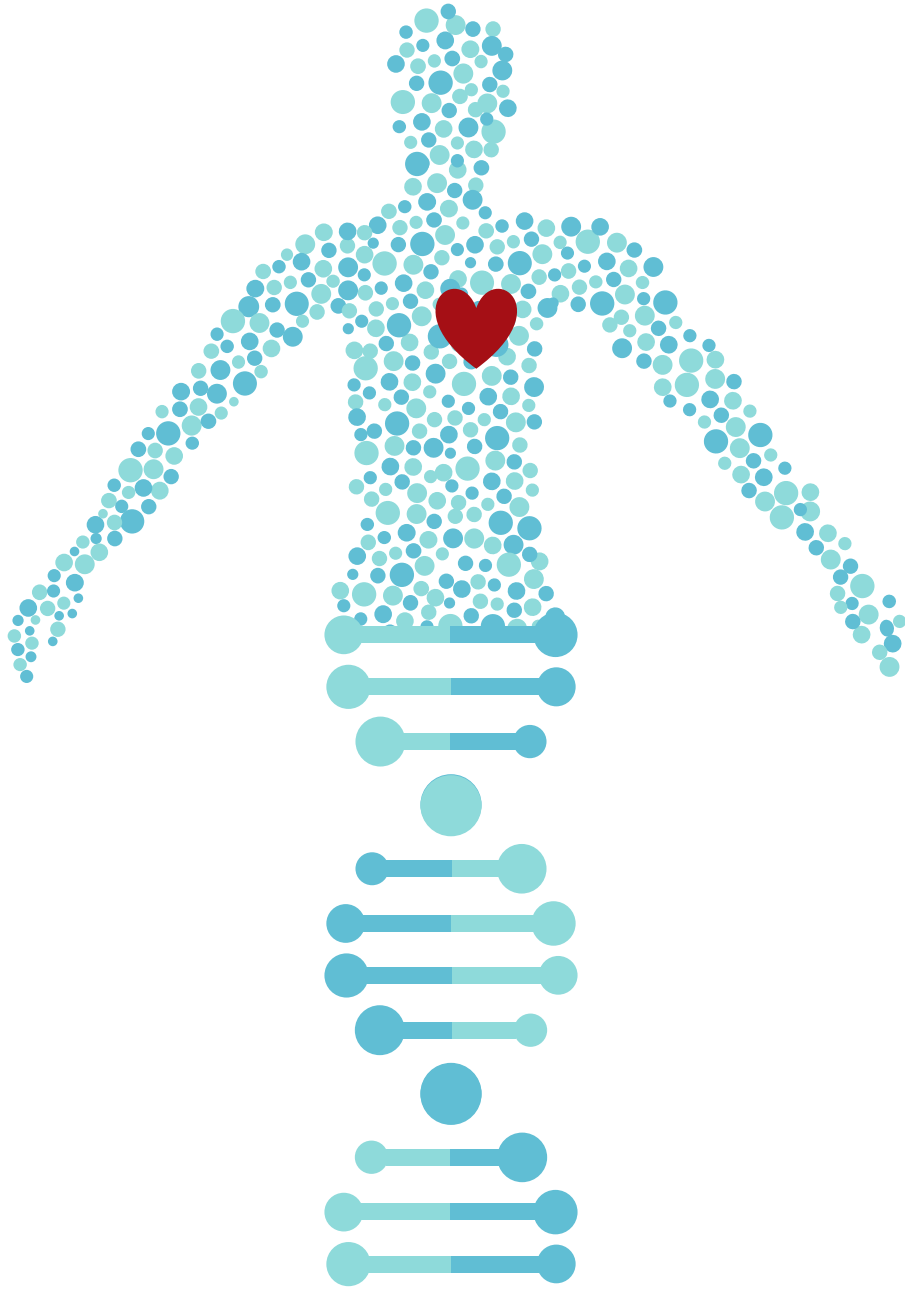
**Ben Badaszewski**

CS Language Skills

C, C++, Python, Java  
Javascript



# Heart Disease Facts



## Fact 1

Heart disease is the **leading cause** of death for both men and women. **More than half** of the deaths due to heart disease in 2015 were in men.

## Fact 2

About **630,000** Americans die from heart disease each year—that's **1 in every 4 deaths**.

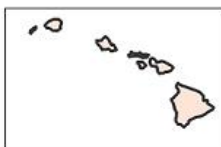
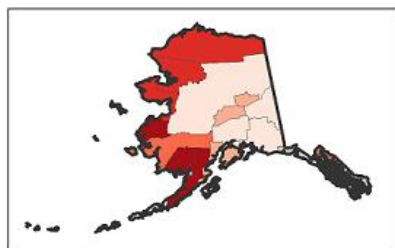
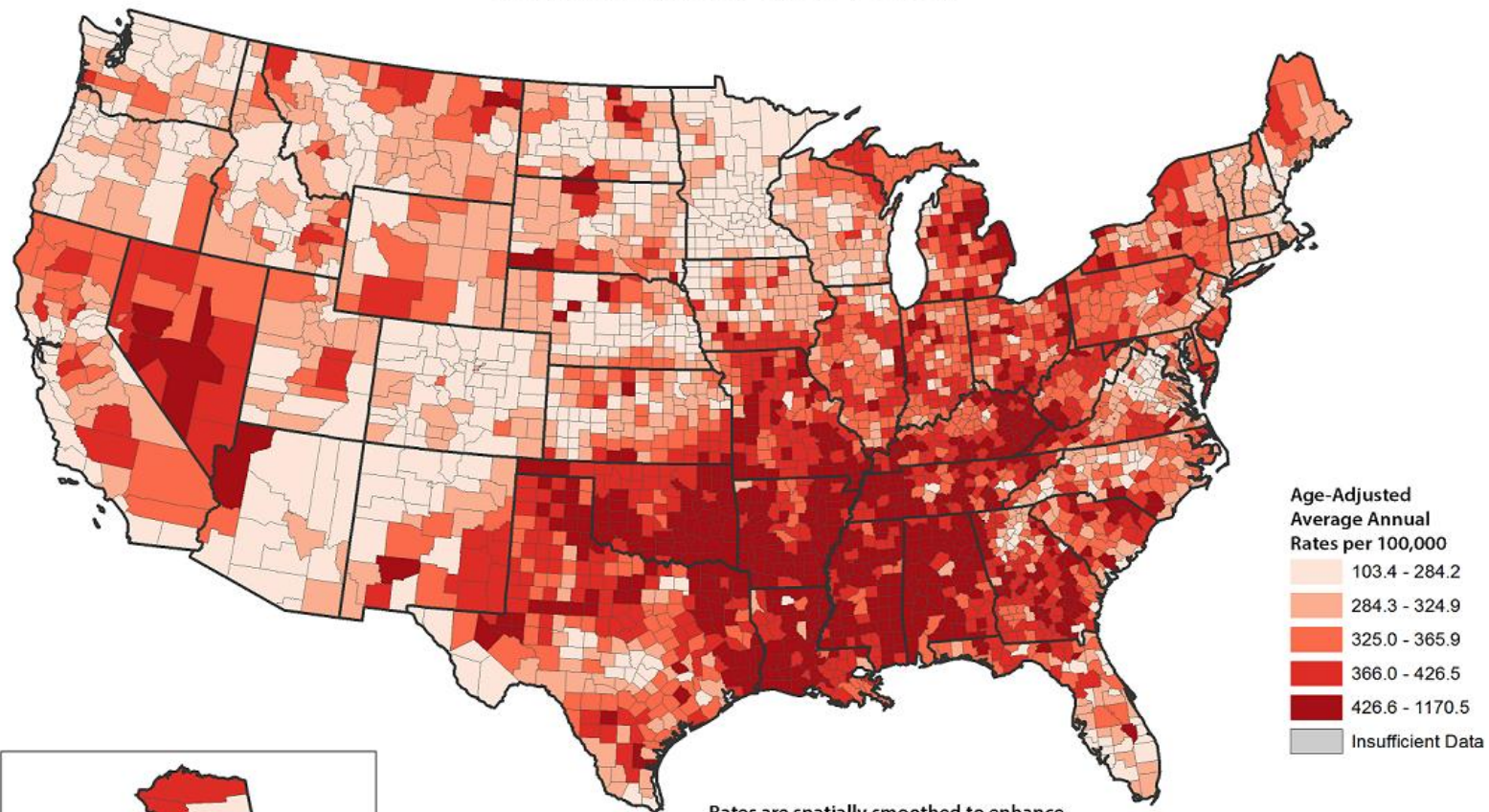
## Fact 3

In the United States, someone has a heart attack

**every 40 seconds.**

Each minute, more than one person in the United States dies from a heart disease-related event.

## Heart Disease Death Rates, 2014-2016 Adults, Ages 35 +, by County



Rates are spatially smoothed to enhance the stability of rates in counties with small populations.

Data Source:  
National Vital Statistics System  
National Center for Health Statistics  
[www.cdc.gov/dhds/maps](http://www.cdc.gov/dhds/maps)



# System



## Situation 1

### Emergency happened

When user's heart beat goes under 40 bpm our server find nearest hospital and ask for help



## Situation 2

### Send User's health data

The user's non-identifying information (age, weight, height, gender, etc.)



## Situation 3

### Send relief message

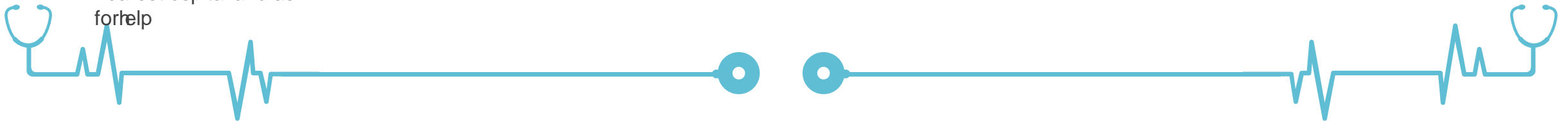
At the same time when our server send data to hospital, we send relief message to patient's family as well in order to notify them of the emergency.



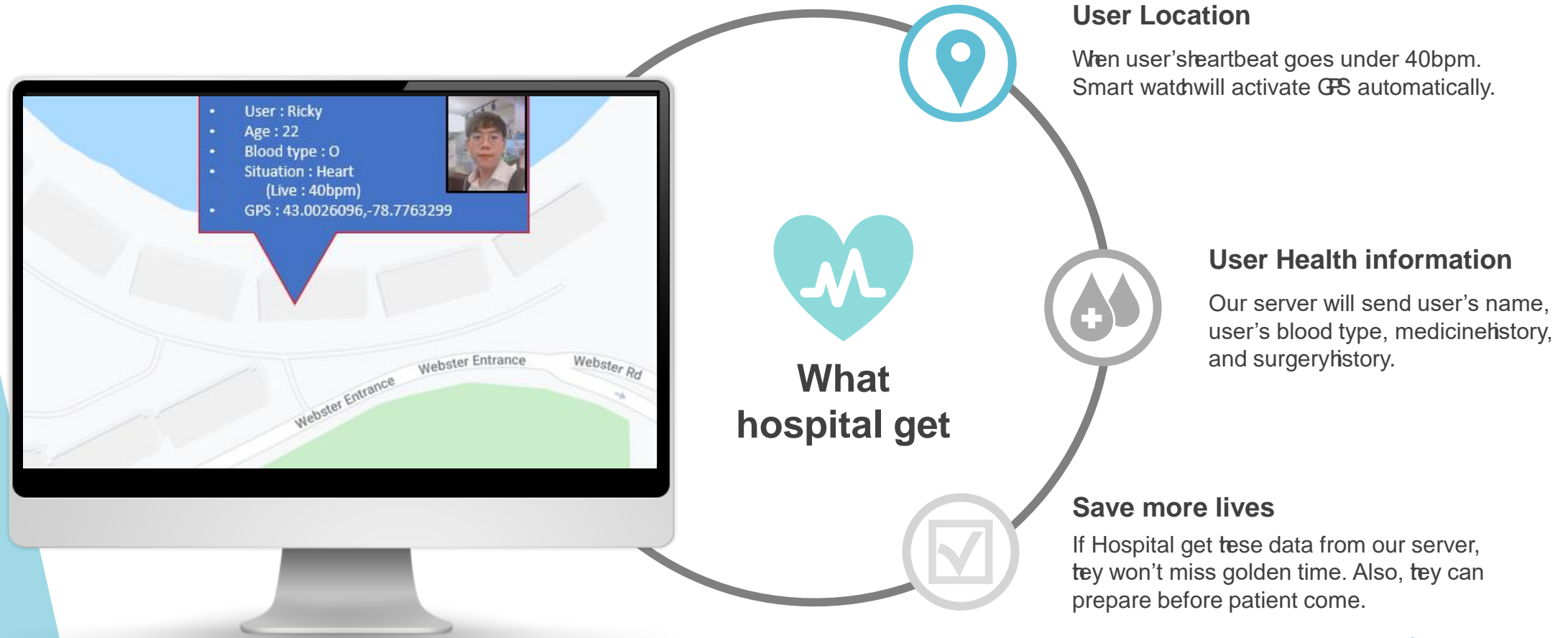
## Goal

### Golden Time

Our goal is to notify the hospital early enough for them to be able to provide medication attention in time for the person in emergency



# Hospital Service



# Family Care Service



## Send Message

Feel reliable and save your family

As soon as possible we send a message to you when your family get heart attack or under 40bpm.

We send Hospital information and location to you.

Trust us and save your family

### Ambulance



Send information with hospital's ambulance is going.

### Golden time



We tried to not miss golden time. If you live close to your family you can also save your loved ones

### Messenger



Send message that your family is in danger





# Customer Type

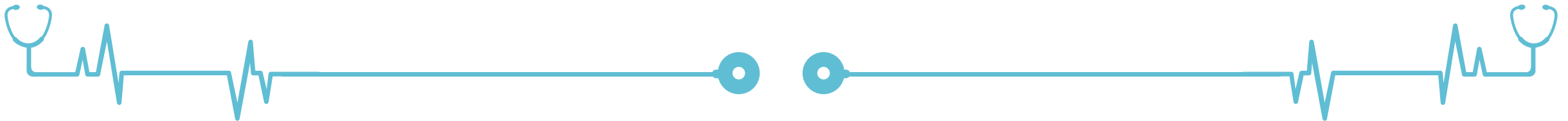
## Family

Family who care about their health. Our product will help them to take care of family.



## Elderly

Elderly who lives alone they will need our product. Because they live alone. Also this is perfect system for them to get help.





# Future Plan

## Future Development,

We would like to further expand on the functionality of our app by providing it with more robust features

We would like to be able to make the app more efficient by making it run in the background and be able to warn its user of coming danger if they are able to respond to it

We would also like to turn this into a fully featured app if the opportunity presents itself

