

# FLATLINE

## Signal Collection

Heart Sensor

Arduino Uno

## Digital Signal Processing (RPI)

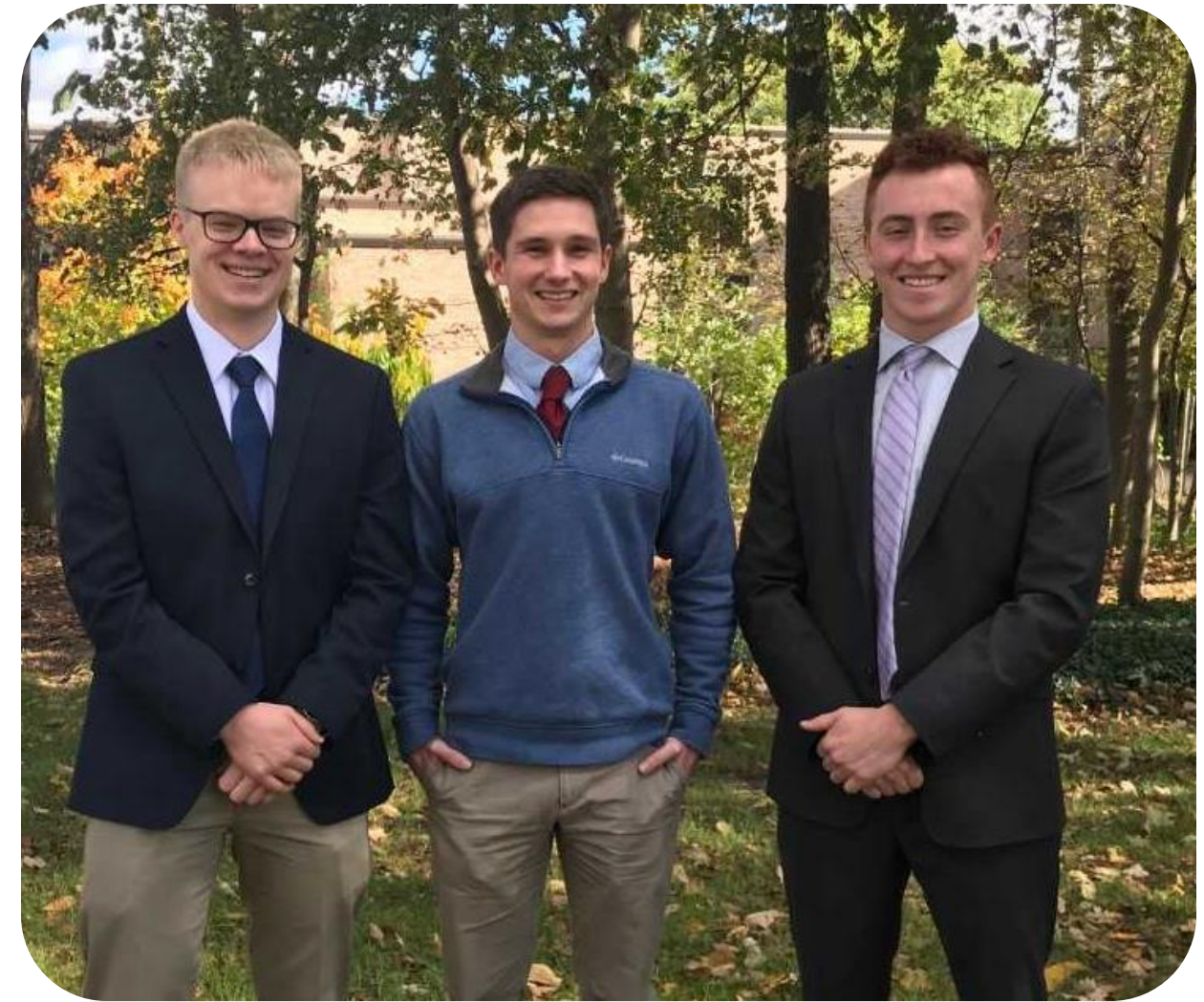
Track Vitals

Abnormality Analysis

## Ergonomic Interface (RPI)

Compact Design

Display Information



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## Project Description

We are a group of electrical engineering students designing a portable EKG that can be used at home. The EKG will display a live feed of the electrical signal of the heart, as well as analyze the data collected to determine if any abnormalities are present.