**Project 2:**

**Heart Monitor**

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In this project we were tasked with developing an embedded application that the uses an STM32 board and the ECG sensor to read a heartbeat signal that is measured by the ECG sensor for 1 minute, calculate the BPM, and plot that signal.

I used the STM32F103C8 blue pill and the ECG module AD8232 along with the USB-to-TTL module converter to read the heartbeat signal and display it as a plot on my PC over a USB link.