## O. What you need?

This section covers all the materials to assemble the SpiderClip Prototy 1. You will need various hardware components, a 3D file print file and various software components.

Hardware	Software Libraries
Components:	I. For Arduino:
<ul><li>- Arduino Nano Every</li><li>- DEBO SENS 3AXIS MPU-6050</li><li>(Gyroscope/Accelerometer)</li></ul>	1. Before the code runs some libraries have to be dow-nloaded.
- ARDUINO HC-05-4 (Wireless Module) - Sparkfun Pulse Oximeter and Heart Rate Sensor	<adafruit_mpu6050.h> <adafruit_sensor.h> <sparkfun_bio_sensor_hub_library.h> <wire.h></wire.h></sparkfun_bio_sensor_hub_library.h></adafruit_sensor.h></adafruit_mpu6050.h>
3D Printing: LINK-Download-File	2. Then you can download the code from GitHub
	https://github.com/D-Queck/SiderClip_Sensor - Sparkfun Pulse Oximeter and Heart Rate Sensor
VR-Setup (HTC Vive)	
- HTC Vive HMD	II. For PC/Mac:
<ul><li>- 2 Basestations</li><li>- HTC Vive Tracker 2.0 (2018)</li><li>- or HTC Vive Tracker 1.0</li></ul>	Before the Unity implementation you need the NuGet package Systom.IO 4.3.0 or newer. Here is the link to download it:
For Unity	https://github.com/D-Queck/SiderClip_Sensor - Sparkfun Pulse Oximeter and Heart Rate Sensor
Vor der virtuellen Watch benönitigst du das SteamVR Plugin:	
https://assetstore.unity.com/packages/tools/integration/steamvr-plugin-32647	-
Unity VR-Watch:	
Für die das VR-Wearable benötigst du diesen Link zum Download des SDKs:	
https://github.com/D-Queck/VR Wearable SpiderClip	