THE STACK

SENSOR

ESP 32

DATA

1 — 4000
~1/second

YOUR CODE IN C

USB

APACHE

HOW TO GRAB incoming DATA?

READ/WRITE TO DB VIA PYTHON

DATABASE (SQLite3) (comes with PYTHON)

CURRENTLY YOUR LAPTOP WILL BE some WEBSITE

REQUEST from audience

RESPONSE from server

GET HTTP

HTML JAVASCRIPT CSS

AUDIENCE (using a browser)

MINIMUM

HTTP
GET

WIFI

AUDIENCE

ESP 32

Server
(I. P. ADDRESS)

BASIC
HTML
WEB
PAGE

DATA IS ONLY VISIBLE
WHILE WEB PAGE IS
OPEN

INTERMEDIATE

DATA SLOW
HTTP
GET

AUDIENCE

ESP32

YOUR
LAPTOP

DATABASE
STORAGE

BASIC
WEB
PAGE