

**Konrad Iturbe**

1999 - Barcelona, Spain

[Twitter](#) | [GitHub](#)

[View resume as JSON](#)

[View resume as PDF](#)

**Main:**

- Developed an unofficial WiFi API endpoint list for interfacing with GoPro cameras
- Developed libraries to connect with GoPro cameras via WiFi to extend their functionality and use
- Made auto executable programs for Ambarella SoC based devices in order to automate them and add features (long exposures/larger interval for timelapse...)
- Made several apps for Android OS, Android Wear, Tizen, Pebble OS.
- Helped companies integrate off-the-shelf consumer devices into their business, products and services
- Passionate about mobile interfaces, change, distributed systems and new technology available to the masses
- I'm a native Spanish speaker and I am fluent in English and German
- I reverse engineer stuff and find vulnerabilities in systems as a hobby
- I want to put the smart in smartwatch.
- I maintain an [open source GoPro API wiki](#)
- I never stop learning

**Skills:**

- Python - *(Reasonably proficient)*
- GoLang - *(Mid-level proficiency)*
- JavaScript+Node - *(Reasonably proficient)*
- React - *(Mid-level proficiency)*
- Binary reverse engineering - *(Mid-level proficiency)*
- API reverse engineering, web scraping, packer bypassing with open source tools (frida, radare...) - *(Reasonably proficient)*
- Linux usage, bash scripting (10+ year Arch Linux user) - *(Reasonably proficient)*

**Education:**

- 2012-2018 - Secondary High School Education

**Certificates:**

- Cambridge English Proficiency (I'm a near native English speaker!)
- Cambridge English Advanced

**Work experience:**

- **Robonautica/NOAA // 2016 - 2017**  
Developed a Python library for underwater robots to interface with the popular action camera GoPro.
- **Livestream // 2016 - 2017**  
Made a security analysis for their live streaming camera Mevo
- **Steezycam // 2017 - 2018**  
Develop prototypes, Android app, BT-LE interfaces, APIs.
- **GlobeKeeper // 2018 - 2018**  
Developed an Android app MVP
- **Shasta // 2019 - present day**  
Full Stack experience. Front end: React Native, redux, Expo. Back end: Golang, mongo db, postgresql, python, some kubernetes

