

# Ekaitz Zarraga Rio

- Bilbao, Biscay, Spain
  - ekaitzzarraga@gmail.com
  - [Personal blog about technology](#)
- 

## Intro

I am a telecommunication Engineer born in 1991.

I started getting into Free Software and programming because it is the easiest way for me to develop new things and use my creativity but, at the same time I have been working on electronics, design and arts. Most of the times learning by myself diving on the Internet. This includes: drawing, painting, sculpting, circuit design, programming, 3D design and modelling, creative writing and more.

I practiced martial arts (judo, aikido and karate) for years.

---

## Languages

- English: Conversation level.
- Euskera: Conversation level.
- Español: Native language.

## Technical Skills

gnu-linux, electronics, telecommunication, programming,  
robotics, prototyping, design, PCB-design, 3D-design

## Soft Skills

Public speaking, Teaching/Mentoring, Creative Problem  
Solving, Creativity, Documentation, Research, Learning

---

## Experience

**R&D Engineer**, Fon, *Current*

**Skills:** c, java, python, javascript, css, perl, bash, gnu-linux, openwrt, wifi, amazon-web-services, amazon-dynamodb, amazon-s3, amazon-lambda, leaflet, google-maps

Research & Development engineer in Wifi related company.

- Continuous research and learning.
  - Presence on variety of projects.
  - Flexibility to learn and work with different programming languages, technologies and architectures.
  - Documentation and product demonstration.
  - Work in an English speaking environment.
- 

**VoIP technician**, Irontec, *August 2014 - April 2015*

**Skills:** debian, gnu-linux, sip, voip, nagios, ansible, perl, python, pyqt, c, bash, sysadmin, helpdesk, mysql, php

VoIP system management, maintenance, and development.

- Use and management of [IvozNG](#) solution, based on Debian, Asterisk, MySQL and PHP.
  - Issue handling and problem solving. Helpdesk.
  - Linux systems administration. Scripting, automation, maintenance.
  - VoIP hardware management.
  - Minor research and development jobs.
- 

## Education

**Telecommunications Engineer**, The Faculty of Engineering in Bilbao, University of the Basque Country UPV/EHU, *2009 – 2014*

**Skills:** c, c++, java, qt, qml, latex, telecommunication, electronics, signal-processing, networking, linux, kde

## Studies

Mainly focused on **electronics** and **computer science**.  
Ranked 4 out of 61.

## Final project

“Renovation of the User Interface of KDE-Telepathy Audio and Video Call module”

- Migration of the `ktp-call-ui` module to QML.
  - C++ development (Qt, QML, KDE-libraries).
  - Work with the KDE community on a real open source project.
  - [Project included in 0.9.0 version of the software](#)
-