# Ekaitz Zárraga

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- Personal blog about technology

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## 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 in 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.

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## Skills

### Languages

- English: *Conversational.*
- Euskera: *Fluent.*
- Español: *Native language.*

### Technical Skills

GNU-Linux, electronics, telecommunication, programming, prototyping, design, PCB-design, 3D-design

### Soft Skills

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

**Other**

**Talks**

- Bitcoin for anarchists (1h)
    - Matiko Auzo Factory (Bilbao), *February 2018*
    - La Kelo Gaztetxea (Santurtzi), *March 2018*

**Teaching**

- **Programming in Python** (20h), *March 2018*
  Data Manager course at COITIBI

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# Experience

**Founder and R&D Engineer**

Elenq Technology, *February 2017 - Current*

> **Skills:** Research, learning, electronics, social skills, teaching, kicad,
> electronics design

Founder of the 1-person company ElenQ.

ElenQ Technology is a R&D company. Focuses Free Software, Free Hardware
and Ethical design. Targets Small- to Mid-Sized Companies. Also develops its
own ideas.

All the projects have a social impact.

Main responsibilities:

- Find clients, ideas and opportunities.
- Research and Development job as a main role.
- Transfer the acquired knowledge. Courses, documentation, demonstra-
  tions...

For more information about the developed projects visit our portfolio.

**R&D Engineer**

Fon, *September 2015 - February 2017*

> **Skills:** c, java, python, javascript, html+css, perl, bash, gnu-linux,
> openwrt, wifi, amazon-web-services, leaflet, google-maps, postgresql,
> postgis, apache-spark, backbone.js, coffeescript, node.js

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.

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## Education

### M. Sc. Telecomunications 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

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