



# Fermin Lassa

IT Engineer

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## Profile

IT Engineer with great interest in cybersecurity and open-source software development.

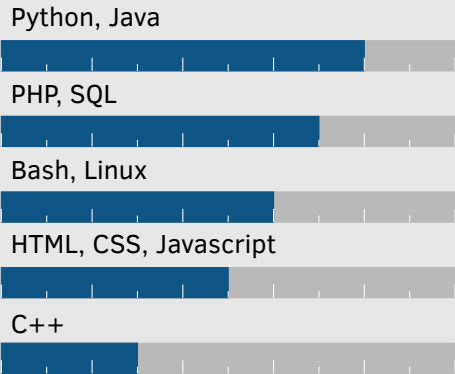
I take part in competitions and *pentesting platforms* to learn about different techniques and tools to develop secure and high-quality software.

In addition, I have made some projects related to the Internet of Things (IoT) sector.

## Languages

- C2 ● ● ● ● ● ●
- B2 ● ● ● ● ● ●
- A1 ● ● ● ● ● ●

## Skills



## Experience

- Jun/2021 **Cybersecurity Analyst** Gobierno de Navarra, Pamplona
  - Audit the network infrastructure using *MITRE ATT&CK*.
  - Develop exploits and execute *Red Team Atomic* tests.
  - Write technical reports.
- Dec/2020 **Technologies:** *Powershell | Python | Office 365*
- Jan/2020 **Co-founder & Backend Developer** livEvent, Pamplona
  - Develop a REST API for processing data.
  - Design the databases and configure the servers.
  - Make security audits to the code.
  - Write technical documentation.
- Sep/2019 **Technologies:** *PHP | Javascript | SQL | Markdown*

## Education

- Present **M.Eng. Telecommunications Engineering** UPNA, Pamplona
  - Create a machine vision system for sorting Lego pieces.
  - Program a webpage and a mobile app.
  - Configure a cloud service with virtual machines and containers.
- Sep/2020 **Technologies:** *C++ | React | React Native | LaTeX | LXC*
- Jun/2020 **B.Eng. Telecommunications Engineering** UPNA, Pamplona
  - Program a 2D videogame.
  - Create a chat application for Android.
  - Develop an online network traffic analyzer.
- Sep/2015 **Technologies:** *Java | Javascript | PHP | Python | LaTeX*

## Other educations

- Jun/2020 **Study abroad - Computer Science** Yonsei University, Seoul
  - Data Structures.
  - Artificial Intelligence.
  - Multicore and GPU Programming.
- Mar/2020 **Technologies:** *Java | Python | C++ | CUDA*
- Jun/2020 **Diploma in IoT & Industry 4.0** UPNA, Pamplona
  - Create a long-range wireless sensor network.
  - Implement the remote control of a robotic prothesis.
- Sep/2018 **Technologies:** *Arduino | ZigBee | LoRa | Bluetooth*

## Qualifications

- Experience with Linux systems, in desktop and server environments.
- Web and mobile application development.
- Knowledge of version control tools like Git.
- Network configuration and management.
- Write technical documentation with LaTeX, Markdown or Office 365.

## Projects

- 100tipy:** Spotify Wrapped whenever you want!
- PeñaPay:** App for managing the expenses of an event.
- Coffeer:** A coffee and beer tracker for Android.