Pau **García**

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Network Engineer student looking for a internship starting from now

Personal Summary

I am currently studying the fourth year of the Bachelor's Degree in Network Engineering at the UPC of Castelldefels. I am a passionate person and very enthusiastic about the world of programming and network management.

Education

Bachelor's Degree in Network Engineering
UPC - EETAC, Castelldefels

2020 - Present
ES

- Thesis: Development, analysis and deployment of an IOT sensor network using LoRa

Technological Baccalaureate
Col·legi Montserrat, Barcelona

2018 - 2020
ES

- Thesis: Analysis and hacking of NFC cards

Professional Experience

Private Professor
Freelance

2018 - 2021
Barcelona, ES

- Private classes for high school and baccalaureate students of subjects mainly in the scientific and technical branch

Technical Skills

Programming

- Knowledge of Typescript, Java, Flutter, C and C# along with related libraries and frameworks for backend development, RestAPI and Full Stack applications
- Knowledge of Big Data algorithms and development of quantum circuits using Python libraries

Microcontrollers

- RFID and NFC projects using Arduino
- IOT projects with protocols such as MQTT and LoRa using the ESP32 microcontroller
- Knowledge of serial communication protocols such as I2C and SPI

Network analysis

- Network analysis using software such as Omnet++, Mininet, GNS3 or Wireshark as well as protocols involved

Software

- Familiar with Linux environments
- Microsoft Office suite user

Projects

It Odyssey
Web Application

2023 - Present

- Web Blog where I post articles related with my IT journey

`Web` `FrontEnd` `NextJS` `TS` `S.O.L.I.D`

EETAC GO
Full Stack Application

2022 - 2023

- Mobile Application for new students of the campus
- Developed with a team of 5 members

`Mobile` `BackEnd` `Flutter` `TypeScript` `MongoDB` `Agile & SCRUM` `NodeJS`

Skills

Languages Spanish | Catalan | English | German
Soft Skills Willingness to learn | Teamwork | Agile & SCRUM methodologies | Problem Solving
Personal Interests Martial Arts | Electronics | Reading | Music