

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 higher 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

ESP

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



Technological Baccalaureate

COL·LEGI MONTSERRAT, BARCELONA

2018 - 2020

ESP

- 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, 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 BLOG

2023 - Present

- Learning and applying S.O.L.I.D and Clean Code principles
- Typescript & NextJS
- Production deployment

EETAC GO

FULL STACK WEBAPP

2022 - 2023

- Team group project, using Agile & SCRUM methodologies
- Flutter, NodeJS, Typescript, MongoDB & angular

Skills

Languages Spanish | Catalan | English | German

Soft Skills Willingness to learn | Teamwork | Agile & SCRUM methodologies | Problem Solving

Personal Interests Martial Arts | Electronics | Reading | Music