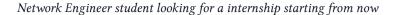
Pau García





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

2020 - Present

FC

UPC - EETAC, Castelldefels

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



Technological Baccalaureate Col·legi Montserrat, Barcelona

2018 - 2020

2010 2020

· Thesis: Analysis and hacking of NFC cards

Professional Experience

Private Professor 2018 - 2021

Freelance 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 2023 - Present

Web Blog

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

EETAC GO 2022 - 2023

FULL STACK WEBAPP

- 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

Pau García Curriculum vitae