

# Pau García

## Network Engineer

📧 paugarcia32 | 📞 +34 684 36 65 09 | ✉️ paugarcia32@gmail.com | 🌐 paugarcia32



## Personal Summary

Graduated in Network Engineering from the UPC of Castelldefels, with a solid background in IoT and cybersecurity. Passionate about technology and always willing to learn, I seek to contribute my knowledge and enthusiasm to innovative and challenging projects.

## Education



### Bachelor's Degree in Network Engineering

UPC - EETAC, CASTELLDEFELS

2020 - Present

ES

- Thesis: Open IoT Platform for Citizen Science Projects: Connectivity Solutions



### Technological Baccalaureate

COL·LEGI MONTSERRAT, BARCELONA

2018 - 2020

ES

- Thesis: Analysis and hacking of NFC cards

## Professional Experience



### Cybersecurity Intern

MARSH MCLENNAN

2024 - Actualidad

Barcelona, ES

- Evaluate cybersecurity maturity using frameworks such as ISO 27001 or NIST, identifying areas for improvement and proposing solutions to achieve an adequate level of security.
- Risk analysis to assess the threats and vulnerabilities faced by critical systems and processes of companies.
- Vulnerability analysis in systems and applications, aiming to identify possible weaknesses and security gaps that could be exploited by attackers.



### 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

### Networks

- Network analysis using Wireshark as well as the protocols involved in the scenario
- Simulation of real scenarios using software such as Omnet++, Mininet, GNS3 and Contiki
- MPLS network configuration with Mikrotik routers

### 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

# Certificates

---

2022 Google Cybersecurity Professional Certificate, Coursera

# Events

---

 HackBCN

2024

- IA based Hackathon
- Teams of 3

 HackUPC

2024

- Student Hackathon
- Teams of 4
- Development of a real time monitoring system

# Skills

---

Languages

Soft Skills

Personal Interests

Spanish | Catalan | English | German

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

Martial Arts | Electronics | Reading | Music