Pau **García**

paugarcia32 | +34 684 36 65 09 | paugarcia32@gmail.com | paugarcia32

Network Engineer student looking for a internship starting from now

Technical Skills

Education

Bachelor's Degree in Network Engineering *2020 - Present*
UPC - EETAC, CASTELLDEFELS *ESP*

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

Technological Baccalaureate *2018 - 2020*
COL·LEGI MONTSERRAT, BARCELONA *ESP*

- 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 & Associations

Volunteer Data Analyst *2019 - Present*
ABC NONPROFIT ORGANIZATION *New York, NY*

- Analyze donor and fundraising data to identify trends and opportunities for growth
- Create data visualizations and dashboards to communicate insights to the board of directors
- Collaborate with other volunteers to develop and implement data-driven strategies

Certificates

2022	**AWS Certified Security**, Amazon Web Services (AWS)
2017	**Applied Data Science with Python**, Coursera
	SQL Fundamentals Track, Datacamp

Publications

Brown, E. (2023). *Data Visualization Techniques: A Comparative Study*.

Jones, S., & Brown, M. (2021). Exploratory Data Analysis for Predictive Modeling. *Proceedings of the International Conference on Data Science*, 256–267.

Smith, J. (2020). An Introduction to Data Analysis Techniques. *Journal of Data Science*, *15*(2), 123–145.

Wilson, D. (2022). *Machine Learning for Data Analysis*. Springer.

Skills

Languages	Spanish	Catalan	English	German
Tech Stack	Tableau	Python (Pandas/Numpy)	PostgreSQL

Personal Interests   Swimming | Cooking | Reading