



Enric Perpinyà Pitarch

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ABOUT ME

Improving people's lives through technology is my primary goal. I am doing a Master's degree in Cloud and Network Infrastructures in Aalto, Finland, and KTH Sweden. I have been involved in various web development projects, including engrescat.org and namubufferi.fi. My Bachelor's thesis focused on video live-streaming protocols, "Multicast over QUIC", and I am enthusiastic about pursuing my Master's thesis while working full-time at an innovative and cutting-edge company in the cloud sector.

EDUCATION AND TRAINING

01/09/2017 – 15/05/2021 Barcelona, Spain

(BACHELORS) TELECOMMUNICATIONS ENGINEERING Politechnical University of Catalonia (UPC)

Website <https://www.upc.edu/en/> | **Final grade** 7.31/10 | **Thesis** QUIC over IP Multicast

Link <https://upcommons.upc.edu/handle/2117/375321>

20/08/2022 – CURRENT Espoo, Finland

(MASTER) ICT INNOVATION IN CLOUD AND NETWORK INFRASTRUCTURES Aalto University

Interdisciplinary master from EIT of European Union (European Institute of Technology). In my specific case my universities are Aalto and KTH. (<https://masterschool.eitdigital.eu/cloud-and-network-infrastructures>)

Website <https://www.aalto.fi/en> | **Final grade** 4,54/5

20/08/2022 – CURRENT Stockholm, Sweden

(MASTER) ICT INNOVATION IN CLOUD AND NETWORK INFRASTRUCTURES Kungliga Tekniska högskolan (KTH)

Website <https://www.kth.se/en>

WORK EXPERIENCE

01/07/2021 – 10/09/2021 Palma, Spain

ICT NETWORK ENGINEER GRUPO SAMPOL

- Mapping the network infrastructures of hotels.
- Development of libraries for automatic detection of devices on the installations (device agnostic).
- Development of libraries for automatic upgrade of software over the routers and access points.

01/06/2022 – 01/08/2022 Pama, Spain

ICT NETWORK ENGINEER GRUPO SAMPOL

- Mapping the network infrastructures of hotels.
- Development of libraries for automatic diagnostic of hardware.

● LANGUAGE SKILLS

Mother tongue(s): **CATALAN** | **SPANISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

DRIVING LICENCE

Driving Licence: B

PROJECTS

01/09/2023 – 03/10/2023

Engrescat Engrescat is a contest held in Barcelona by Telecogresca, the biggest university festival organized by university students in Spain. I made this website for deciding the finalist who will be able to perform at the festival. I made it using Wagtail - Django and DaisyUI - TailwindCSS as the main frameworks/libraries. There is an admin panel to control the phases, editions, contestants, and all the business logic and the content of the website itself.

Link <https://engrescat.org>

01/07/2022 – 15/07/2022

Namubufferi I designed an internal website for Athene Guild at Aalto University. I made it for managing the fridge inside the guild. It handles all the transactions and the payment gateway using MobilePay (the mobile payment system in Finland). It uses Django and tailwindCSS.

Link <https://namubufferi.fi>

01/07/2021 – 01/09/2022

Multicast Extension for QUIC

Attending the "Multicast Extension for QUIC" proposal meetings in the W3C.

Link <https://datatracker.ietf.org/doc/draft-jholland-quic-multicast/>

HOBBIES AND INTERESTS

Music I started playing the clarinet and piano at fifteen when I was seven years old. I play in a band in Palma of Majorca (Banda Musical Son Rapinya), and while I was in Barcelona, I was in the UPC Orchestra. In 2021, I was co-founder of the UPC Orchestra association.

Sports I like to go to the gym to keep in shape mentally and physically and to do long walks as well.

English Improv Theater During my stay in Sweden, I started doing improvisation theater to sharpen my presentation skills and my creativity.

Do websites I like to help as much as possible in the organizations I belong to. Almost every organization nowadays has a website, so I try to help develop and improve them.

Dancing Salsa During my stay in Finland, I started dancing salsa at Aalto University.

VOLUNTEERING

01/01/2021 – CURRENT Palma of Majorca

Son Reus animal wellbeing center Volunteering at Son Reus Animal Wellbeing center (CSMPA).