



GERARD CARAVACA IBÁÑEZ

CAREER OVERVIEW

I am a graduated computer engineer and I am currently finishing a collaborative master's degree in Artificial Intelligence between several universities in Catalonia (UPC, UB and URV). For these reasons, I am interested in gaining professional experience to take a step further in my specialization.

PERSONAL DATA

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Address: Barcelona , Spain 08042

Date of birth: 12/04/2000

SOFT SKILLS

- Highly adaptable, open and communicative nature
- Motivation, willingness to learn and work
- Team work
- Responsible and organized
- Ability to learn independently
- Ability to realize efficient and cost-effective solutions
- Ability to learn new languages and methods quickly

For more information take a look at my [PORTFOLIO](#)

JOB SUMMARY

Auxiliar Researcher in UPC

SISCOM reasearch department of UPC. February 2023.

- Development of machine learning models based on neural networks for the prediction of human activity through movement sensors. With the aim of improving urban mobility in the city of Barcelona.

Full stack developer intern

Blava, Healthy spaces. February 2022 - June 2022

- Back end and front end development of a website for the management and analysis of environmental data from sensors, for subsequent comparison with the sustainability objectives of miagenda2030.

ACADEMIC BACKGROUND

Final thesis in collaboration with Hospital Clínic de Barcelona.

Facultad de Informática de Barcelona, UPC

February 2022 - June 2022

- Development of a system for analysis and representation of cancer and pollution data in Europe. The ultimate intention of the project is to demonstrate that air pollution causes increased lung cancer mortality.
- Average mark: 9.6.

Computer Engineering Degree

Facultat de Informàtica de Barcelona, UPC

September 2018 - June 2022

- High computing modality
- Focus on Artificial Intelligence, Algorithmics, Computer Logic, and Computer Graphics.
- Grade point average: 8.15

Master's Degree in Artificial Intelligence

UPC, UB, URV, Barcelona | September 2022 - February 2024

- Average mark: 8.8
- Focus on Deep Learning

LANGUAGES

ENGLISH: C1 level (CEFR)

SPANISH: native language

CATALAN: native language

TECHNICAL SKILLS

- Focused on the use of Python, with knowledge of other languages such as C, C++, Java, R...
- Accustomed to using relational , non-relational databases such as MongoDB and cloud computing.
- Good use of AI libraries like TensorFlow and PyTorch.
- Git knowledge