Mar Roca Cugat

WORK EXPERIENCE (5)

Maastricht University, Maastricht — *Laboratory Teaching Assistant*

SEPTEMBER 2024– PRESENT

My tasks range from aiding during academic laboratory practicals to helping sort materials and preparing for practicals, as well as correcting reports from laboratory sessions.

Study Association Helix, Maastricht — *Board member:* Head of Education

JUNE 2025 – JUNE 2026

PostNL, Heerlen — *Postwoman (Part-time)*

APRIL 2024 – PRESENT

Greylight Projects, Heerlen— *Museum attending (Part-time)*

OCTOBER 2023 + NOVEMBER-DECEMBER 2024

La Caixa d'Eines, Sant Celoni, Catalonia, ES — *Scientific divulgation and instructor*

SEPTEMBER 2022 – JUNE 2023

EDUCATION, TRAINING, AND DIPLOMAS (6)

Maastricht University — *WBO Biomedical Sciences*

BACHELOR | SEPTEMBER 2023 – (EXPECTED) AUGUST 2026

Maastricht University — *FHML Honours - Breath By Breath*

HONOURS PROGRAMME | SEPTEMBER 2024 – (EXPECTED) MAY 2026

TopTaal — *Dutch from A2 to B1*

NON-CURRICULUM COURSE | FEBRUARY 2025 – (expected) AUGUST 2025

Maastricht University — *Introduction to programming in Python*

NON-CURRICULUM COURSE | SEPTEMBER 2023 – FEBRUARY 2024

LANGUAGES (5)

Catalan: Native

Spanish: Native

English: C2 (Cambridge)

French: A2 (DELF Scolaire)

Dutch: A2 → B1 (UM Language Center + TopTaal)

PUBLISHED PROTOCOLS (2)

Sampling from a nasal source in order to culture bacteria
Checked by Professor Olga Sánchez (UAB, UdG). dx.doi.org/10.17504/protocols.io.81wgb6pk1lpk/v10

IB BIO SL IA M23 - A study on the conditions that affect yeast fermentation
dx.doi.org/10.17504/protocols.io.261geny6jg47/v2

SKILLS

EU Digital Skills Test:
Advanced (6/6 on all tests)

Computer programming:
Python (proficient)
Node.js (intermediate)
Linux systems (proficient)
Rust (beginner)
R (beginner)

Maastricht University — *Basic Course Quality Assurance for Student Evaluation Panel Members*

TRAINING WORKSHOP | DECEMBER 2023

This workshop for training course quality assurance addressed how to identify educational quality, how to distinguish between quality assurance and quality enhancement, gave us instruments for quality assurance, and proper ways of providing feedback, as well as criteria for evaluating assessments.

Institut Jaume Vicens Vives (Girona) — (Double degree) *Batxillerat LOMCE + International Baccalaureate (IB)*

HIGH SCHOOL | SEPTEMBER 2021 - JUNE 2023

I was assessed on Language and Literature (Catalan, Spanish, English), Spanish History, Analysis and Approaches Mathematics, Biology, Chemistry, Physics, Philosophy, Epistemology. I wrote 1 main thesis (EE) and 4 subject theses (IA).

AWARDS, COMPETITIONS, AND GRANTS (5)

Hackers@UPC — *HackUPC 2022, 2023 & 2025*

HACKATHON | MAY 2022, MAY 2023 (and MAY 2025)

Winner of the MLH GoDaddy sponsor prize in 2025!

Col·legi de Biòlegs de Catalunya — *Catalan Biology Olympiads*

OLYMPIADS | FEBRUARY 2023

I placed 3rd place in the local phase, and Q1 of all participants.

Societat Catalana de Física — *Catalan Physics Olympiads*

OLYMPIADS | MARCH 2023

I placed in the top 30 of participants in the 2023 Catalan Physics Olympiads.

HackClub — *Winter of Hardware grant*

GRANT | DECEMBER 2022

This grant was given to me for the purpose of purchasing hardware and using specifically for a hackathon that the same non-profit is organizing in mid-February. To obtain it, I had to present a grant proposal.

Institut d'Estadística de Catalunya — *Planter d'Estadística IDESCAT*

COMPETITION | MAY 2021

This prize is given to the best statistics report that uses publicly available statistical data to draw conclusions. These reports must be written by a team of people, and the winners get to compete with the same report in the Spanish Statistical Reports competition.

VOLUNTEERING EXPERIENCE (6)

Student Association Helix & Maastricht University – *Student Evaluation Panel member*

OCTOBER 2023 – JULY 2025 (2 academic years)

Student Association Helix – *Committee treasurer*

OCTOBER 2023 – (expected) JUNE 2025 (2 terms)

HackClub – *Club Organization*

SEPTEMBER 2022 – AUGUST 2023

This volunteering project involves me organizing a club for the promotion of computer sciences at school.

Ins. JVV – *Natural History Collection maintenance assistant*

SEPTEMBER 2021 – JUNE 2022

This experience had me create an inventory of the naturalized animals in the school's collection, brush and clean them if needed, tag them, photograph them and check their condition.

Escola Annexa – *Lèxcit volunteer*

SEPTEMBER 2021 – JUNE 2022

Lèxcit is a Catalonia-wide project that aims to help primary-school kids learn and improve reading skills

Escola Annexa – Middle school *English teaching assistant*

SEPTEMBER 2021 – JUNE 2022