

# Carlota Catot Bragós

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## About Me

I'm a 28-year-old Software Engineer graduated with a Master's degree in Informatics Engineering at UPC, UPC-FIB associate professor of Web Services and Applications. Extracurricular had been the HackUPC director for 2 years, currently helping out with the development leadership and the finances. I spent my last 3 months travelling around to learn more about culture, English and finding a way to improve my career.

I describe myself as a fast learner and a good problem solver, and I enjoy learning new things and taking on new challenges. I'm keen to assume responsibilities and lead tasks, as I consider myself a good leader from various experiences, like working in big teams, leading with stakeholders, and leading a 20+ member team at HackUPC.

In my free time have many hobbies: I love dancing (especially ballet), playing the piano and the guitar, working on my projects, and creating and editing videos or social media stuff. I also love travelling and spending time with my family and friends.

## Work Experience

### Localboss

Barcelona

FULL-STACK SOFTWARE ENGINEER & PRODUCT OWNER

Feb. 2024 - June 2024

Involved in all the different projects of the company, working in Django (Python) for all the backend. Starting from scratch, an internal CRM build in Next.js (Typescript), linked to external APIs. As DevOps, also managing Google Cloud, mainly Cloud Run. As product owner, I'm involved in the needs of all the projects, specially in the internal CRM and a web platform for big clients. Lastly, leading external contractors in some projects.

### MundiMoto

Barcelona

FULL-STACK SOFTWARE ENGINEER

Set. 2021 - May. 2023

Part of the teach team, being at first part of the first engineer team, later in the sales squad and finally in the operations team. Working mainly creating an internal ERP with a hexagonal architecture approach, using Django (Python) for the backend and Next.js (with Typescript) for the frontend side. Also, for the data part, creating dashboards (using SQL) in Metabase.

### UPC-FIB & UOC

Barcelona

ASSOCIATE PROFESSOR

Feb. 2021 - Present

- **Q2 2022, Q1 2023, Q2 2023, Q1 2024** - Professor in Web Applications and Services at UPC-FIB.
- **Q1 2022** - Professor in Software Architecture at UOC.
- **Q2 2021** - Professor in DataBases subject at UPC-FIB.

### Hackers@UPC

Barcelona

HACKATHON DIRECTOR

July 2021 - July 2023

- **HackUPC 2023:** Co-directed a team of 20+ as well as the organizations' logistics and finance team, to make the event grow back into a healthy, self-sustaining organization.
- **HackUPC 2022:** Co-directed a team of 20+ to organize Europe's largest student hackathon, helping it regain momentum after the pandemic.

HACKATHON ORGANIZER

Feb 2019 - Present

For 5 editions of HackUPC (2019, 2021, 2022, 2023 and 2024) and 4 of bitsxlaMarato (2019, 2020, 2021 and 2022). Building HackUPC 2025, helping to lead the development team.

### HP

Barcelona

GRADUATE 3D SOFTWARE ENGINEER

Sep 2019 - Aug 2021

Member of the Software team inside the 3D organisation, Full-Stack developer in different projects. Working mainly in React (Typescript) and Go.

3D SOFTWARE ENGINEER INTERN

Nov 2018 - July 2019

Member of the Software team inside the 3D organisation doing research as an intern. Working mainly with Go.

### ATOS

Barcelona

IT SECURITY INTERN

May 2018 - Sep 2018

Member of a technical multidisciplinary team, that provide an outstanding level of expertise in every security topic affecting the design, implementation and support of the Olympic Games and other large-scale projects.

SERVICE SUPPORT INTERN

Jul 2017 - May 2018

Member of a technical multidisciplinary team, providing Level 2 support for Major Events Services and other support activities.

# Skills

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## PROGRAMING LANGUAGES

**Advanced Skills:** Java, JavaScript, Python, Typescript, SQL

**Intermediate:** C++, C, Golang.

**Familiar:** C#, Assambler x86, R, PL/PgSQL, Bash.

## MISCELLANEOUS

**Advanced Skills:** HTML, CSS, XML, Markdown, LaTeX.

## FRAMEWORKS

**Advanced Skills:** Vue.js, React.js, React Native, Next.js, Django

**Familiar:** Angular.js, Ruby on Rails.

## OTHER SYSTEMS

**Proficient:** Windows, Microsoft Office, Git, iOS.

**Advanced Skills:** Active Directory, DNS, Linux, AWS, Google Cloud, Docker.

# Education

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## UPC (Universitat Politècnica de Catalunya) - FIB & TU Wien

Barcelona

MASTER IN INFORMATICS ENGINEERING

Sept. 2019 - Feb. 2024

Bases in different tech specialities: Hardware, Information Technologies, Software and Computing. And also with bases on direction and management. Developing a mater thesis about event organizations, with the backend in Django (Python) using hexagonal architecture and Expo (Typescript) for the frontend.

## UPC (Universitat Politècnica de Catalunya) - FIB

Barcelona

BACHELOR DEGREE IN INFORMATICS ENGINEERING WITH MAJOR IN SOFTWARE ENGINEERING

Sept. 2013 - July 2019

Bases on project management, Multi-tier architecture, Design Patterns, Object-Oriented Programming and Software Architecture.

# Extracurricular Activity

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## Royal Academy of Dance - Exams

Barcelona

UNTIL LEVEL ADVANCED 1

Jun. 2010 - Present

Ballet exams taught by examiners of the Royal Academy of School of London that came to Barcelona. To prepare the exams I take semi-professional classes of Ballet, spanish dances and contemporary dance.

## Conservatori del Liceu

Barcelona

UNTIL 5TH MIDDLE GRADE IN *Llenguatge Musical* AND UNTIL 3TH MIDDLE GRADE IN *Piano*

2002 - 2013

To prepare the examens, I start taking piano lessons when I was 4, then I started doing Solfège to do the exams. Now I continue playing the piano but not taking the Conservatori exams.

## Hackathons

Worldwide

PARTICIPATE IN SEVERAL HACKATHONS

You can check all the hackathons I participated in on the following link: <https://myhacks.carlotacb.dev/>

# Languages

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**Catalan and Spanish:** Native/Bilingual

Level C

**English:** Upper-Intermediate

Level B2