



Carles Mitjans Coma

Senior Software Engineer

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github.com/mitjans

stackoverflow.com/u/2148023

CAREER SUMMARY

Self-taught tech enthusiast looking for the next big step in my career. Soon after starting my BSc in Biology, I began a lot of personal and side projects in software development, learning a wide range of different development stacks, technologies and programming languages. While studying my MSc in Statistics, I decided to enhance my capabilities and pursue at the same time a BSc in Computer Science, where I became aware of my potential in this field after years of self-learning through online courses and projects. This catapulted me into the Software Engineer profession. The wide variety of fields I have studied and the eagerness I manifest in learning proves my capacity to adapt to new and completely different environments, while absorbing any knowledge that might be useful for my endeavours.

WORK EXPERIENCE

Senior Fullstack Engineer

Aug 2023 - Present (Barcelona)

[Skello](#)

Being the Technical Lead of an engineering team at Skello, I've had to plan, design, develop and oversee multiple fullstack projects, involving microservices and complex backend systems, as well as striving for the best UI/UX in our frontend.

Technologies used:

Rust Node AWS Ruby

Senior Software Engineer

Jan 2023 - Aug 2023 (Barcelona)

[Viaplay Group](#)

Viaplay Content Protection team, focusing on backend development of services related to Digital Rights Management (DRM), VPN-blocking, Geo-blocking and other security related areas.

Technologies used:

Rust Node AWS

Software Engineer

2019 - 2023

[WIRIS](#)

Main developer of the new generation [MathType](#) application. Backend development: API design and authentication process. Frontend development: Project design, architecture and implementation.

Achievements:

- Deployment of multiple bug fixes and new features for the [CalcMe](#) tool.
- Development from scratch and release of the new MathType desktop application.

Technologies used:

Vue TypeScript Javascript Node.js Webpack C++ Java Haxe Microsoft OLE 2.0

Software Developer & Data Scientist

2017 - 2018 (Barcelona)

[Accenture](#)

Worked in multiple projects for several clients, also contributing to inner-projects related to Computer Vision and Speech Recognition via my expertise in [Machine Learning](#) and [Artificial Intelligence](#) fields. I gave a two week seminar for an MSc in Universitat Pompeu Fabra (UPF) in Barcelona, on one of their Machine Learning and Data Science courses.

Achievements:

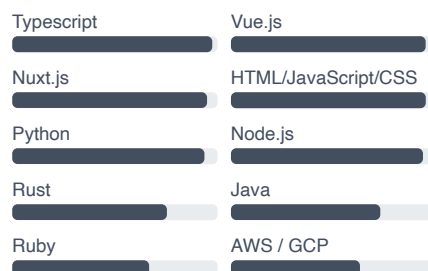
- A big international airliner bought one of the data models designed by my team.

Technologies used:

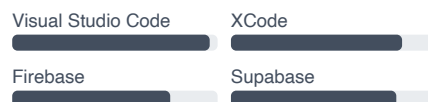
Python R AWS Pandas TensorFlow MySQL

SKILLS & TOOLS

Programming Languages



Programming Tools



Others

AI/ML TensorFlow Objective-C Git API Node.JS SQL/NoSQL TDD Unit Testing

EDUCATION

BSc in Computer Science 2017 - 2020

Universitat Politècnica de Catalunya (UPC)

MSc in Statistics and Operations Research 2016 - 2018

Universitat de Barcelona (UB) & Universitat Politècnica de Catalunya (UPC)

[Final thesis: Abstraction capabilities of deep neural networks while learning chess](#)

BSc in Biology 2012 - 2016

Universitat Autònoma de Barcelona (UAB)

[Final thesis: Bioinformatic tools for epitope prediction](#)

MOOC

- iOS 12 & Swift: The Complete iOS App Development Bootcamp - Udemy
- Deep Learning with Tensorflow - IGM Cognitive Class
- Think. Create. Code. - Adelaide
- Data Analysis for Life Sciences 1: Statistics and R - Harvard
- Web App Development with the Power of Node.js - TUMx
- Using Python for Research - Harvard
- Introduction to C++ - Microsoft

LANGUAGES

Catalan (Native)
Spanish (Native)
English (Professional)
German (Beginner)

OTHER INTERESTS / ACTIVITIES

Computer Security (Hacking) Guitar Nature Voluntary services
Blockchain technology Go Board Game (4-Kyu) Private tutor
Bug Bounty Programs Basketball Scout leader Ethical Hacker