

Nil Garcés de Marcilla Escubedo

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Personal website: www.nilgarces.dev

LinkedIn: www.linkedin.com/nilgarces

Full stack developer well versed in TypeScript, React, Next.js, Node.js and both SQL and no-SQL paradigms. Also interested in Golang. Proven experience in consulting and project planning/ management.

Persistent problem-solver and fast learner with a solid mathematical and analytical background.

ACADEMIC TRAINING

2019 – 2020 **M.Sc. "Math. et applications"**

THESIS AREA: TOPOLOGICAL DATA ANALYSIS (CLUSTER. METHODS)
Université de Nantes (France)

2018 – 2019 **M.Sc. in Secondary Teaching**

SPECIALIZATION: MATHEMATICS
Common UB-UAB-UPC-UPF-UOC

2014 – 2018 **B.Sc. in Mathematics**

MENTION: MATHEMATICS (G: 8.3)
University of Barcelona

LANGUAGES

CATALAN Native (*Certificat C2*)

SPANISH Native

ENGLISH Excellent (*CAE: Grade A, C2*)

FRENCH Very good

GERMAN Intermediate (*learning*)

COMPUTER SKILLS

Personal website: www.nilgarces.dev

Github: github.com/xetaxe

- *Essentials:* HTML, CSS, JavaScript, TypeScript, Git+GitHub

- *Frontend:* React, React Query, Zustand, Next.js, Tailwind, Sass, Figma

- *Backend:* Node.js, Express, Golang

- *DB:* SQL, MySQL, PostgreSQL, Prisma, MongoDB

- *Testing:* Jest, React Testing Library

- *Build/Deploy:* Vite, Docker, Github Actions

- *Other lang:* Python, C

EXPERIENCE

OCTOBER 2021 – CURRENTLY
SDP Spain, Valldoreix (Barcelona)

Software consultant

- Software consultant implementing and developing ERA, our own customisable software tool that helps companies manage their Time & Attendance efficiently.

- I launched several implementations with international clients and aided in existing projects, always providing feedback for product iteration.

JANUARY 2021 – JUNE 2021
SDG Group, Barcelona

Data analyst

- Co-responsible of a big data ETL project (with Qlik/SQL) where weekly data reports and forecasts were generated based on previous sales data.

- Participant in a data analysis and visualization project where PowerBI was used to track product performance.

MARCH 2020 – JULY 2020
Université de Nantes, Nantes

Math internship

- I studied the theoretical foundations of Topological Data Analysis (TDA).

- I got familiarized with the most important DS/ML concepts and Python libraries (Scikit-learn, Matplotlib, NumPy & SciPy, Pandas).

- I collaborated and documented the implementation of a new clustering algorithm (ToMATo algorithm) in the GUDHI library.

JULY 2018 – SEPTEMBER 2018
VGG Aplicaciones, Barcelona

Software engineer

- Researcher and programmer in a (fixed-term) project where we studied the viability of using drones in warehouses to do various tasks autonomously. It involved experimenting with various drone SDKs in Java (Android Studio).

OTHER ACTIVITIES

- Three-times participant in HackUPC: finalist x2 and one winner prize: (Devpost: xetaxe)

- UB representative at the International Math Competition (IMC, Bulgaria) in 2016 & 2017.

- Since 2016, I work on my own musical solo project, in which I compose, play and record pieces for classical guitar (Spotify: Nil Garcés)