

ALBERT MARTÍN GARCIA



Hard-working Data Science researcher with a deep passion for learning and a striving for excellence, ratified by multiple awards ranging from outstanding academic record decorations to national prizes.

CONTACT INFORMATION

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📅 14th of June 2000, 23 years old
in Albert-M-G
🏠 nosocalgroc.github.io

SKILLS

Relevant programming languages

C/C++
Python
JavaScript/Node
R
Java
SQL
C#
HTML/CSS

Data Scientist skills

- Deep understanding of statistical analysis and inference.
- Knowledge about mathematical formalisms and ML models.
- Creativity and experience in understanding and analyzing data, thus able to develop coherent and efficient analytical and predictive models.
- Knowledge about ETL processes, workflows and standards, as well as experience in developing end to end solutions for big data management backbones.
- Experience in working with non-relational data like graph DBs in Neo4j and RDF triplestores in GraphDB.

Software developer skills

- Git CLI, GitHub and GitLab management.
- Clean and understandable version tree.
- Competitive coding hobbyist, thus experienced in developing efficient designs.
- Experience in backend and frontend scripting and HTTP communication.
- Vast knowledge about design patterns and discipline in adhering to a standard.

Languages

Catalan: Native
Spanish: Native
English: Professional working proficiency (C1 certified by Cambridge)

ABOUT ME

I have recently finished my Bachelor's degree in Computer Science at the Polytechnic University of Catalonia, where I received exclusive awards for an extraordinary academic record in addition to honors in many of the enrolled courses, with an overall GPA of 3.8. Currently, I am studying for a Master's degree in Data Science, where my passion, love and dedication for the field has allowed me to distinguish myself from my peers.

I have always had a deep interest in the worlds of data and computational sciences, software development, and competitive programming and I aspire to someday be able to use my skills and knowledge to make a positive change in the world, all while challenging myself by working in these fields I am so passionate about.

WORK HISTORY

📅 09-2023 - present

📍 Polytechnic University of Catalonia

R&D Data Engineer Working in researching and expanding the novel Denial Constraint mathematical formalism for automation of database quality through more flexible approaches. Currently working on two papers that expand and optimize the state of the art of the field.

📅 09-2016 - present

📍 Sant Vicenç dels Horts / Barcelona

Private teaching for both kids and young adults of ages 14-20 on science-related subjects such as Maths, Physics, Industrial Technology, Coding, Biology, Chemistry and Electronics.

EDUCATION

📅 09/2022 - present
UPC, Barcelona Spain

📍 Master's degree in Data Science

📅 09/2018 - 06/2022
UPC, Barcelona Spain

📍 Bachelor's degree in
Informatics Engineering
Speciality in Computer Science.

ACHIEVEMENTS, HONOURS AND AWARDS

🏆 **Kangaroo , 2018:** Top 5 on the regional yearly math contest. [LINK](#)

🏆 **Societat Catalana de Física , 2018:** Bronze on the regional Physics Olympiad.

🏆 **RSEF, 2018:** Silver medal at the Spanish National Physics Olympiad. [LINK](#)

🏆 **Salesians SVH, 2018:** Extraordinary award to the best academic record. [LINK](#)

🏆 **UPC, 2019:** Best first year academic record with a 10/10.(GPA: 4.0). [LINK](#)

🏆 **UPC, 2020:** Best second year academic record with a 9.8/10. (GPA: 4.0). [LINK](#)

PROJECTS AND GENERAL EXPERIENCE

I have been part of numerous projects during the last years, both related and unrelated to my college studies, thus, I am well acquainted with the usual team workflows and the tools required for a successful and efficient development. I would qualify my problem-solving skills and creativity as my most valuable attributes, as they have allowed me to not only excel at every practical course, but to outperform my peers while taking additional seminars in Data Science and balancing internships with private teaching.