

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

- ✉ albertmartin2000@gmail.com
- ☎ +34 665 72 47 42
- 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.
- Understanding about the need of data quality control and experience in scripting data constraint checking and cleaning mechanisms.

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 Master's degree in Data Science after completing my Bachelor's in Computer Science, 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.

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 consisting 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 greatly expand and optimize the state of the art of the field.
- 📅 09-2016 - 06-2024 📍 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 - 06-2024 📍 Master's degree in Data Science
UPC, Barcelona Spain
- 📅 09/2018 - 06/2022 📍 Bachelor's degree in
UPC, Barcelona Spain 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](#)
- 🏆 **UPC, 2024:** Honors awarded for my Master's thesis about Denial Constraints.

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.