ALBERT MARTÍN GARCIA

Hard-working Data Science student 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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- ☎ +34 665 72 47 42
- 📅 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	●●●●●
C#	●●●●●
SQL	●●●●○
HTML/CSS	●●●○○

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.

Data Scientist skills

- Deep understanding of statistical analysis and inference.
- Vested in mathematical formalisms and 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.

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 over half of the enrolled courses, with an overall GPA of 3.8 over 4. 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 Engineering Internship consisting in researching and expanding the novel Denial Constraint mathematical formalism for automation of database quality through more flexible deep learning approaches, and the development of a framework to integrate the automated database constraint extraction, checking and enforcing into the ETL.

📅 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**: Extraorinary 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 all my peers while taking additional seminars in Data Science and working up to twenty hours a week as a private teacher.