



Adrián Sánchez Carrión

+34 673 49 99 51 asanca33@gmail.com LinkedIn adrichez
Gonzalo Gallas, 11, Granada, Andalusia, Spain
31/10/2001 Spanish

PERSONAL DETAILS

I am a charismatic and organized person, qualities I strive to apply in both my personal and professional life. I have always been fascinated by how data, when properly analyzed, can solve complex problems and be helpful in many different areas. I enjoy practicing sports and exploring my creative side through photography, where I try to capture unique details in everyday life. Connecting with people from different cultures and learning from their perspectives is something I value, always seeking new challenges that help me grow both technically and personally.

EDUCATION

Diploma of Expert in Advanced Machine Learning in Python <i>University of Malaga</i>	Nov. 2024 – Jun. 2025 (8 months) Malaga, Spain
Master's Degree in Data Science and Computer Science <i>University of Granada</i>	Sep. 2024 – Dec. 2025 (1 year, 3 months) Granada, Spain
Acceleration of Professional Skills Program <i>Talent Incubator of the University of Granada</i>	Nov. 2022 – May 2023 (7 months) Granada, Spain
Bachelor's Degree in Statistics (Erasmus+ Program) <i>University of Padua</i>	Sep. 2021 – Jul. 2022 (11 months) Padua, Italy
Bachelor's Degree in Statistics <i>University of Granada</i>	Sep. 2019 – Jun. 2023 (4 years) Granada, Spain
Cultural Exchange and Immersion Program <i>Brighton College</i>	Apr. 2018 – May. 2018 (1 month) Brighton, England

EXPERIENCE

Bioinformatics Developer <i>López-Neyra Institute of Parasitology and Biomedicine - CSIC</i>	Apr. 2025 – Present (≈ 1 year) Granada, Spain
<ul style="list-style-type: none">• JAE Intro ICU Fellowship at CSIC for the development of bioinformatics solutions.• Design of a modular system for automated bioinformatics report generation.• Workflow automation using Quarto, R, HTML, CSS, and Nextflow.• Integration with Apptainer, Docker, HPCs, and cloud platforms.• Interactive data visualization through D3.js for dynamic and customizable charts.• Application of NLP techniques for automatic summary generation (Python, JavaScript).	
Restaurant Server <i>Pizzería Paradís</i>	Aug. 2024 – Sep. 2024 (2 months) L'Estartit, Spain
<ul style="list-style-type: none">• Service for an international clientele in bar and table settings.• Simultaneous operational coordination across three restaurants within the same group.	
Clothing Store Clerk <i>Ginger Vintage</i>	Feb. 2023 – May 2023 (4 months) Granada, Spain
<ul style="list-style-type: none">• Personalized customer service, including guidance on clothing selection and preferences.• Cash handling, inventory management, and maintenance of store organization and visual appeal.	
Private Teacher <i>Freelance</i>	Jun. 2019 – Aug. 2023 (4 years, 2 months) Beas de Segura, Spain
<ul style="list-style-type: none">• Delivery of online classes in mathematics, physics, economics, and computer science.• Provision of reinforcement classes at Beas de Segura Institute for students.	
Event & Restaurant Server <i>Hotel Avenida</i>	May 2018 – Present (+ 6 years) Beas de Segura, Spain
<ul style="list-style-type: none">• Provision of daily service for bar, terrace, restaurant, and hotel operations.• Organization, coordination, and service at large events such as weddings, catering, and banquets.	

SKILLS & KNOWLEDGE

- 🚩 **Languages:** Spanish (Native), Italian (C1), English (B2), French (Basic).
- 👤 **Soft Skills:** Effective communication, Collaborative work, Critical thinking, Proactivity, Leadership, Empathy, Creativity, Analytical skills, Resilience, Perseverance.
- ⚙️ **Technical Skills:** Statistics, Data mining, Artificial Intelligence, Machine Learning, Bioinformatics, NLP, Report automation, Data visualization, Cloud Computing, Photography, Editing.
- 🔗 **Programming:** R, Python, C++, SQL, Mathematica, HTML, CSS, JavaScript, LaTeX, Markdown, R Markdown, Quarto, Jupyter Notebooks, Pig, Impala, D3.js, Git, Apptainer, MongoDB.
- 📊 **Data Science:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, OpenCV, spaCy, Docker, Nextflow, Omics Pipelines, Interactive visualization, Regression, Classification, Clustering, Anomaly detection.
- ✂️ **Programs:** RStudio, SPSS, Visual Studio Code, Google Colab, GitHub, Wolfram Mathematica, Gephi, VirtualBox, Jamovi, Microsoft Office, Microsoft Azure, Adobe Suite, DaVinci Resolve, Canva.
- 💻 **Operating Systems:** MacOS, Windows, Ubuntu, Guadalinex.

VOLUNTEERING

- Social and Cultural Events Organizer** Jun. 2024 – Aug. 2024
European Solidarity Corps at Associazione Kora (2 months) Passignano sul Trasimeno, Italy
- **Organization of events** in an **international environment** to foster **cultural exchange**.
 - **Environmental education** and workshops on **sustainability**, food awareness, and European traditions.
 - **Documentation and dissemination** of activities through **photography, video, and social media**.
- Student Services Coordinator** Nov. 2021 – Jul. 2022
Erasmus Student Network of Padua (9 months) Padua, Italy
- **Facilitation of social and cultural integration** for Erasmus students through activities.
 - **Organization of cultural events** and workshops to promote intercultural exchange.
 - **Guidance and practical support** for international students in their adaptation process.

COURSES AND CERTIFICATIONS

- C1 Certificate in Italian Language (CELI 4)** Nov. 2024
Università per Stranieri di Perugia Málaga, Spain
- MOOC in Machine Learning and Big Data for Bioinformatics** May. 2024
University of Granada Granada, Spain
- RBG Master in Photography and Videography** Feb. 2024
RBG School Madrid, Spain
- B2 Integrated Skills in English (ISE II)** Oct. 2021
Trinity College London Beas de Segura, Spain
- Driving License (B)** Sep. 2020
Spanish Directorate-General for Traffic Úbeda, Spain

PROJECTS

- MSc Thesis - GenoScribe: Intelligent Bioinformatics Reporting System** Apr. 2024 – Dec. 2025
University of Granada · IPBLN (CSIC) (8 months) Granada, Spain
- Design of a **modular tool** for **automated and interactive reports** in **omics pipelines**.
 - Integration with **Quarto, R, HTML, CSS, Apptainer, Docker**, and **cloud platforms**.
 - **Data visualization** and **automatic summarization** through **NLP (Python & JavaScript)**.
- BSc Thesis - Six Sigma Methodology for Quality Improvement** Dic. 2022 – Jun. 2023
University of Granada · El Olivar Bakery (7 months) Granada, Spain
- Analysis of the **Six Sigma methodology** and its **application** to enhance quality in organizations.
 - Implementation via the **DMAIC process**, improving quality from **2σ to 5σ**.
 - Conclusion: combining **Six Sigma** with **Lean Manufacturing** boosts **efficiency** and **profitability**.

ACHIEVEMENTS

- **Author of a book** on quality improvement using the **Six Sigma methodology**.
- **Outstanding academic record** in the Bachelor's Degree in Statistics (2019–2023).
- **Recognition among the top 20 academic records** at the University of Granada by the Chair of Talent.