Roger Feliu Vert

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WORK EXPERIENCE

Internship for developing AI-based methods for astronomy – ASTRO-AI LAB   *Mar '25 – Jul '25 | Heidelberg, Germany*

- Implemented compositional score modelling for SBI for inferring galactic parameters from stellar chemical abundances using machine learning and statistical analysis, followed by data interpretation and insight derivation to support astrophysical conclusions.
- Collaborated with PhD and other master's students.
- Coded in Python using Jupyter notebooks, utilizing frameworks like Scikit-learn and PyTorch for data analysis and modelling, and Matplotlib and Seaborn for data visualization.

Culinary Services Supervisor – GRUPO ESPUGA   *Mar '20 – Jul '24 | Rubí, Spain*

- Led a team of five to ensure efficient kitchen operations and timely service.

Customer service representative and administrative assistant – FIT TO FLY, SCHBELTA CLINIC

Sep '21 – Jan '23 | Barcelona, Spain

- Managed a daily influx of 200+ requests for COVID-19 testing, handling certificates for international customers.
- Coordinated a team of 15+ nurses, as well as transport services, solving incidences and contacting the labs.

Store Manager – DELEITO Y AMIGOS   *Jul '24 – Sep '24 | Barcelona, Spain*

- Managed restaurant operations including team coordination and strategic scheduling.

EDUCATION

FREIE UNIVERSITÄT BOZEN – Bozen, Italy   *Oct '25 – Present*

Master's Degree in Computing for Data Science

Focus on data analysis, machine learning, and big data technologies.

UNIVERSITAT AUTÒNOMA DE BARCELONA – Barcelona, Spain   *July 2025*

Bachelor's Degree in Physics

Coursework focused on machine learning, quantum physics, numerical methods, and experimental physics. Grade: 7.93/10.

UNIVERSITAT OBERTA DE CATALUNYA – Barcelona, Spain   *Sep '22 – Present*

Bachelor's Degree in Economics

Coursework focused on optimization, microeconomics, and statistics. Grade: 7.9/10.

INSTITUT L'ESTATUT – Rubí, Spain   *June 2021*

Scientific Baccalaureate

Passed with Honours, Grade: 9.8. PAU, university admission test, Grade:12.85/14.

VOLUNTEERING & LEADERSHIP

Workshop on design thinking for problem-solving. – TRAINING IN ENTREPRENEURSHIP AND INNOVATION, SCIENCE FELLOWS

Dec '22 – Dec '22

- Participated in entrepreneurship and innovation workshops focused on design thinking and problem-solving.

Award for the research Baccalaureate assignment (TdR) – PREMI MIQUEL SEGURA   *Jun '21 – Jun '21*

- Awarded for best research assignment during Baccalaureate, recognized for attention to detail.

SKILLS

Languages: English (C2 - Certificate of Proficiency, Cambridge), Spanish (native), Catalan (native), German (B1)
Digital skills: Office package (Excel and PowerPoint), Python, C++, Photo editing (Photoshop), Latex
Personal skills: leadership and teamwork abilities, problem-solving, proficient communication, analytical and creative thinking
Interests: engine mechanics, programming, investing, learning new languages, chess, climbing, machine learning, AI and reading