DANIEL HERNÁNDEZ CARRASCO

Currently looking for a PHD program in Community Ecology

I graduated in Biology and Environmental Science and I coursed a Master's Degree in Ecology. I am interested in the application of statistical analyses and computational methods to study natural systems, with a special focus on biotic interactions in continental aquatic systems.

24 years old

📍 Sabadell (Barcelona)

🎓 EDUCATION

2015 | 2020

B.S. in Biology
Girona University   📍 Girona

Distinction in *Advanced data analyses* and *Biodiversity*.

2015 | 2020

B.S in Environmental Science
Girona University   📍 Girona

Distinction in the *Final Thesis* (Modelling fish size structure response against environmental factors) and *Microbiology and environmental toxicology*.

2020 | 2021

M.S in Ecology
Barcelona University   📍 Barcelona

Distinction in *Dynamic systems in ecology* (modelling) and *Statistical analysis*.

💻 RESEARCH EXPERIENCE

2019 | 2020

Research Assistant
Institute of Aquatic Ecology (IEA)   📍 Girona
- Collaboration grant (Spanish government)
- Performed the data analysis of aquatic communities and environmental variables after restoration actions (LIFE13NAT/ES/001001).
- Implemented partial correlation networks to infer biotic interactions.

📖 COURSES AND CONFERENCES

2019

II Jornades de recerca del Parc Natural de l'Alt Pirineu.
Assistance   📍 Coma de Burg, Lleida
30 hours

edX (Harvard University)
- Data Science: R basics (8 hours)   📍 Remote
- Data Science: Machine Learning (8 hours)

Datacamp
- Hierarchical and Mixed Effect Models in R (4 hours)   📍 Remote

CONTACT INFO

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🔗 dhercar

SKILLS

Statistical analysis, simulations and data visualizations.

Experience in aquatic community ecology

Skilled in R and basics in Python

Highly motivated and self-learner

LENGUAGES

English (C1 - Advanced)

Spanish (native)

Catalan (native)

💼 OTHER EXPERIENCE

2019 | 2021

Scubadiving guide
Grassi-sub S.L.   📍 L'Escala, Girona

2017 | 2019

Waiter and bar tender at Peralada castle
Ariza S.L.   📍 Peralada, Girona