

# DANIEL HERNÁNDEZ

## Currently looking for a PHD program in 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 biotic interactions in natural 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  
30 hours

📍 Coma de Burg, Lleida

**edX (Harvard University)**

- Data Science: R basics (8 hours)
- Data Science: Machine Learning (8 hours)

📍 Remote

**Datacamp**

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

📍 Remote

## CONTACT INFO

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📞 +34 634 968 503

## SKILLS

Statistical analysis and data visualization.

Experience in simulating biotic communities.

Skilled in  and basic Python 

Highly motivated and self-learner

## LANGUAGES

Spanish (native)

Catalan (native)

English (C1 - Advanced)

German (basics)



## 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