

# Adrián Cidre González

RESEARCH ASSISTANT

Department of Forestry Engineering, University of Córdoba

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*As a highly motivated and enthusiastic professional with a strong background in forest sciences, I bring a wealth of knowledge and experience to any organization. With extensive training in programming using R, forest data analysis, and the application of machine learning in forestry, I have a proven track record of success in these areas. I am eager to leverage my skills and passion to drive growth and make a significant impact in a dynamic and challenging environment.*

## Education

### Master in Geomatics, Remote Sensing and Spatial Models Applied to Forest Management

UNIVERSITY OF CÓRDOBA

Córdoba, Spain

2022-2023

### Expert Title in Advance Applied Statistics

NATIONAL UNIVERSITY OF DISTANCE EDUCATION

Online

2022-2023

### Bachelor in Forestry and Landscape Engineering

UNIVERSITY OF SANTIAGO DE COMPOSTELA

Lugo, Spain

2018-2022

### SICUE Exchange Programme - Forestry Engineering

UNIVERSITY OF CÓRDOBA

Córdoba, Spain

09/2021-02/2022

### Erasmus - Forestry Engineering

UNIVERSITY OF EASTERN FINLAND

Joensuu, Finland

01/2021-06/2021

### Certificate of Higher Education in Forestry

IES PLURILINGÜE SAN ROSENDO

Mondodiedo, Spain

2016-2018

## Work Experience

### Research Assistant

UNIVERSITY OF CÓRDOBA

Córdoba - Spain

September 2022 -> Present

- PROJECT — LIFE-FAGESOS
- LANGUAGES USED — R, Quarto, SQL, Python, CSS
- TOOLS USED — RStudio, ArcGIS Pro, Google Earth Engine, QGIS, PostgreSQL+PostGIS

### Wildland Firefighter

REPOBLACIÓN Y BOSQUETES, S.A.

Galicia - Spain

Summer 2021 -> Summer 2022

- 2022 — Technician of wildland fire helitack crew
- 2021 — Foreman of wildland fire helitack crew

### Forestry Erasmus Internship

UNIVERSITY OF BRNO

Brno - Czech Republic

March 2021 -> May 2022

- TASKS — Reforestation, pruning, forest inventory

### Wildland Firefighter

DEMONTES, S.L.

Galicia - Spain

Summer 2020

- 2020 — Wildland firefighter at helitack crew

### Wildland Firefighter

DEMONTES, S.L.

Galicia - Spain

Summer 2019

- 2019 — Wildland firefighter at helitack crew

### Wildland Firefighter

EMPRESA PÚBLICA DE SERVICIOS AGRARIOS GALEGOS, S.A.

Galicia - Spain

Summer 2018

- 2018 — Wildland firefighter at terrestrial crew

### Forestry Internship

SERVITEC MEDIOAMBIENTE, S.L.

Galicia - Spain

March 2018 June 2018

- TASKS — Data analysis in QGIS, forest inventory

# Skills

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## Programming Languages

R, SQL, JAVASCRIPT FOR GOOGLE EARTH ENGINE, PYTHON

## Other Languages

MARKDOWN, CSS, HTML

## Specific Software

RSTUDIO, QUARTO, ARCGIS PRO, QGIS, POSTGRESQL+POSTGIS, TABLEAU

# Projects

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## LIFE-FAGESOS WP2 — FAGESOS-GIS: Creation of a GIS-based service platform for disease impact and risk assessment

*LIFE Project*

UNIVERSITY OF CÓRDOBA

2022

- Developed models of *Phytophthora cinnamomi* risk at Occidental Europe level

## Fragmentation and connectivity in dehesa ecosystems associated to Cerambycids dispersion in Sierra Morena: A Graph-Theory approach

*Bachelor Thesis*

UNIVERSITY OF CÓRDOBA

2022

# Complementary Edutation

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## Courses of R in Udeemy

- Artificial Intelligence Bootcamp in R Programming
- Survival Analysis in R
- Spatial Data Analysis with R and QGIS
- Learn ggplot2 in R for Data Visualization
- Curso avanzado de estadística multivariante con R y Python
- Ecology in R

## Other Courses in Udeemy

- Python for Data Science and Machine Learning Bootcamp
- Google Earth Engine y Machine Learning: de cero a experto

## Other relevant courses

- Inventarios Naturales de Flora y Fauna