



Adrián Cidre González

RESEARCH ASSISTANT

Department of Forestry Engineering, University of Córdoba

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I have a strong background in forest sciences with special interest on data analysis and data science. I have honed my skills on R programming, Shiny Apps development, remote sensing, spatial data analysis, and data science applied to forestry. I am eager to apply my skills and enthusiasm in a dynamic and challenging environment, where I can make a meaningful contribution and foster growth.

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

Mondónedo, Spain

2016-2018

Work Experience

Forest Engineer - GIS

UNIVERSITY OF CÓRDOBA

Córdoba - Spain

September 2022 -> Present

- PROJECT — LIFE-FAGESOS
- LANGUAGES USED — R, Markdown, SQL, HTML, CSS
- TOOLS USED — RStudio, Shiny, Quarto, ArcGIS Pro, Google Earth Engine, QGIS, PostgreSQL+PostGIS, VS Code, GitHub

R Teacher

UDEMY

Online

July 2023 -> Present

- COURSES — <https://www.udemy.com/user/adrian-cidre-gonzalez-2/>

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.

- TASKS — Data analysis in QGIS, forest inventory

Galicia - Spain

March 2018 June 2018

Skills

Programming Languages

R, JAVASCRIPT FOR GOOGLE EARTH ENGINE, PYTHON

Other Languages

MARKDOWN, CSS, HTML, SQL

Toolkit

RSTUDIO, SHINY APPLICATIONS, QUARTO, ARCGIS PRO, QGIS, POSTGRESQL, POSTGIS, MONGODB ATLAS, GIT & GITHUB,
LEARNING AWS EC2

Projects

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

Business Science University

- Data Science for Business Part 1
- Data Science for Business Part 2
- Shiny Web Applications Part 1
- Shiny Web Applications Part 2 (in progress)

Courses of R in Udemy

- 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 Udemy

- 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