Adrián **Cidre González**

RESEARCH ASSISTANT

Department of Forestry Engineering, University of Córdoba

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Passionate about forestry and armed with years of experience in the field, I bring a wealth of knowledge and expertise to any organization. I have a strong background in forest sciences with special focus on data analysis and data science. I have honed my skills my R programming, Shiny Apps development, remote sensing, spatial data analysis, and data science applied to forestry problems. 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 · *Córdoba, Spain*
UNIVERSITY OF CÓRDOBA · *2022-2023*

Expert Title in Advance Applied Statistics · *Online*
NATIONAL UNIVERSITY OF DISTANCE EDUCATION · *2022-2023*

Bachelor in Forestry and Landscape Engineering · *Lugo, Spain*
UNIVERSITY OF SANTIAGO DE COMPOSTELA · *2018-2022*

SICUE Exchange Programme - Forestry Engineering · *Córdoba, Spain*
UNIVERSITY OF CÓRDOBA · *09/2021-02/2022*

Erasmus - Forestry Engineering · *Joensuu, Finland*
UNIVERSITY OF EASTERN FINLAND · *01/2021-06/2021*

Certificate of Higher Education in Forestry · *Mondoñedo, Spain*
IES PLURILINGÜE SAN ROSENDO · *2016-2018*

Work Experience

Research Assistant · *Córdoba - Spain*
UNIVERSITY OF CÓRDOBA · *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, Tableau

Wildland Firefighter · *Galicia - Spain*
REPOBLACIÓN Y BOSQUETES, S.A. · *Summer 2021 –> Summer 2022*
- 2022 — Technician of wildland fire helitack crew
- 2021 — Foreman of wildland fire helitack crew

Forestry Erasmus Internship · *Brno - Czech Republic*
UNIVERSITY OF BRNO · *March 2021 –> May 2022*
- TASKS — Reforestation, pruning, forest inventory

Wildland Firefighter · *Galicia - Spain*
DEMONTES, S.L. · *Summer 2020*
- 2020 — Wildland firefighter at helitack crew

Wildland Firefighter · *Galicia - Spain*
DEMONTES, S.L. · *Summer 2019*
- 2019 — Wildland firefighter at helitack crew

Wildland Firefighter · *Galicia - Spain*
EMPRESA PÚBLICA DE SERVICIOS AGRARIOS GALEGOS, S.A. · *Summer 2018*
- 2018 — Wildland firefighter at terrestial crew

Forestry Internship · *Galicia - Spain*
SERVITEC MEDIOAMBIENTE, S.L. · *March 2018 June 2018*
- TASKS — Data analysis in QGIS, forest inventory

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, VS CODE, TABLEAU

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 Phytophothora cinnamomi risk at Occidental Europe level

Fragmentation and 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
• Shiny Web Applications Part 1

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