

# Andrés Camilo Zúñiga González

ancazugo@hotmail.com Colombia & UK



[/ancazugo](#)

## SKILLS

- R (Tidyverse, Shiny), Python (Scikit-learn, Tensorflow), Java, Javascript (D3.js), HTML5, CSS, LaTeX, UNIX Shell, SQL, Git, Docker, API REST, AWS, ArcGIS and QGIS.
- Data analysis and visualization, machine learning and web development
- Teamwork, group and project management, public speaking and technical writing

## CERTIFICATIONS

- Cartography | Esri
- Data Science For All | Correlation One
- Tensorflow Developer | Deeplearning.ai
- Tensorflow: Data and Deployment | Deeplearning.ai
- Deep Learning | Deeplearning.ai
- Data Science | Johns Hopkins University
- Discrete Mathematics | National Research University Higher School of Economics

## LANGUAGES

- Native Spanish
- Fluent English (IELTS C1)
- Limited proficiency in French

Accomplished researcher at the postgraduate level with a passion for data-driven insights. Strong background in statistical modelling and scientific research. Focused on knowledge creation based on analytical reasoning. Currently at Cambridge studying the application of AI in environmental Risk.

## EXPERIENCE

### Trudata, Colombia

Data Scientist | Dec 2021 - Present

Develop machine learning models for costumer segmentation and duplicate detection. Deploy web applications via cloud services.

Data Analyst | Aug 2021 - Dec 2021

Web scrape real state marketplaces for further integration in a DBMS. Develop interactive visualization tools for data exploration and modelling.

### Universidad de los Andes, Colombia

Research Assistant | Aug 2017 - Feb 2022

Worked on Bayesian modeling of carbon-14 dates of volcano eruptions and human settlements. Research on environmental DNA and chemical markers of high-altitud wetlands from Colombia.

Teaching Assistant | Aug 2017 - Jun 2021

Taught courses in the use of R and the Linux Command Shell in statistical analysis in research. Developed weekly lectures, activities and exams geared towards students from engineering and science majors.

### Cornell University, USA

Research Assistant | Jun 2016 - Aug 2016

Worked at the Bergstrom Lab in the modelling and statistical analysis of the epidemiological assessment of the Switchgrass Head Smut in the State of New York.

## EDUCATIONAL BACKGROUND

### University of Cambridge, UK

- MRes + PhD in AI for Environmental Risk (AI4ER) | present

### Universidad de los Andes, Colombia

- M.Sc. in Biological Sciences - Biology Focus | 2020
- B.Sc. in Biology | 2017
- B.Sc. in Microbiology | 2017
- Minor in Geography | 2017