

# Curriculum Vitae

Gregorio Maya

## Location-Based Problem Solving

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Passionate professional with 9+ years of experience delivering high-impact work in the built environment. Trained as an Architect, develop skills in strong internal and external relationships to facilitate the cooperative achievement of high-priority goals. Confident in my ability to thrive in a fast-paced environment where I leverage skills in lecturing, product development, data analysis, and research. Committed to lifelong learning and going the extra mile to facilitate continuous improvement for myself and my colleagues.

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## Skills

- Tableau (Certified)
- QGIS
- SQL (PostgreSQL)
- Python
- VsCode

## Languages

- Spanish native
- English biligual
- French professional
- Portuguese conversational

## Experience

## City Science Coordinator

*Norman Foster Institute* | Madrid June 2023 – Present

As part of the in-house staff of the Master in Sustainable Cities, my main responsibilities include the co-creation of the Urban Analytics lesson and the development of the *City Pulse* -a multi-user app for diagnosing sustainability targets.

- Maintining client relationships with 3 city administrations : Athens, Bilbao and San Marino. Consultancy model to deliver actionable projects.
- Co-creation of 16-week GIS course and subsequent lab support for 24 scholars. From Open source softwares (QGIS, PostGIS), through Python based notebooks to user friendly web-apps

## Data Consultant

*Freelance, Multiple Clients* | World 2021 – Present

Providing data collection, pre-processing, exploratory analysis and modelling services to clients (Private and NGOs) in their R&D stages of developing data driven products. Projects include:

- **Article 19 Global Expression Report:** internal transformation of a proprietary index report into a digital product that embraces modern data management and delivery. Currently with over 500K views in embedded [website](#).
- **Accesnture & JLR** : daily database updates with 120+ country wide post-sales managers. Optimising pipelines for Tableau dashboards with dynamic views based on custom profiles; delivery to emails.
- **ACASA** : asseses their current pipelines and to create a pipeline for a *spatially-aware* pricing index for faster response to clients and new business avenues. Reduced initial delivery times 7 fold (from weekly to less than 1hour)

## Spatial Intelligence Lead

*SENSE* | London Nov 2018 – May 2022

Main responsibilities included the translation of business goals into innovative metrics for clients. Create the unit of data analysis that delivers the business's unique selling point - *USP*.

- Interpret and deliver domain expertise in the Architectural, Design, and Construction (AEC) industry to the internal technical team.
- Create a pipeline of future feature developments based on sophisticated data modeling techniques.

## Urban Consultant

*Space Syntax Lmtd* | London Sept 2016 – Oct 2018

Advise and support of local authorities and large-scale private developers of the urban environments in London, China, and Kazakhstan.

- Create models for assessing new layouts with measures of urban centrality and connectivity.
- Recreate internal GIS processes for faster and more accurate delivery of reports.

## Education

**MSc Spatial Intelligence: Space Syntax** UCL - The Bartlett (UK) *2015 – 2016* Honours degree

**Bachelor in Architecture** Universidad de los Andes (COL) *2008 – 2013* Summa Cum Laude Laureate

**Swiss Matura & Colombian High School Diploma** Colegio Helvetia de Bogota (COL) *2007*

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## Courses

**Product Management** *NOVA Madrid* | 2023

**Data Science** *GENERAL ASSEMBLY London* | 2019

**Python 3** *CODE ACADEMY London* | 2018

## Others

- **MOMEPY collaborator** Google Summer of Code contributor grant *2022*
- **R. Salmona Fellowship** British Council research grant *2019*
- **Frequent lecturer:** UNIANDES (COL) | UCA Canterbury (UK) | FADU - UNL (ARG)

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## References

Available upon request