

Gerardo Ezequiel Martín Carreño

Critical cartography and situated interfaces: the map and the walk as medium.

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STATEMENT

A map is an argument about what matters, and every map is also a set of silences. Alongside quantitative analysis I keep a critical and radical cartographic practice that treats representation itself as the object of enquiry, in the lineage of the situationist *dérive* and Denis Wood's counter-mapping: counter-cartography, psychogeography, ethnography, walking with a camera, and work with sound, letting data sit next to emotion and intuition. The practice does two things. It imagines speculative but grounded futures for cities under environmental pressure and asks who they would serve, and it interrogates the methods I use professionally, the projections, the categories, the data that was never collected, so the analysis stays accountable to the people and ecologies it describes. Instruments include No One Home (housing across 296 local authorities, built with the London Renters Union), Spatial Derive (walking, camera, sound), Upside Down World (radical cartography) and Invisible Borders (the lines we draw and inherit). This is not decoration on top of the science; it is the same problem-solving intelligence read from another angle.

01 / EDUCATION

Education and training

2022–2024	MSc Urban Spatial Science, Spatial Data Science Centre for Advanced Spatial Analysis, The Bartlett, University College London Awarded with Distinction. 180 credits over one calendar year. Thesis: Shaping Cool Cities, a six-city study of multi-source data fusion for urban heat mitigation.
Aug–Sep 2023	Decarbonising Cities and the Social Cost of Climate Change MIT Summer School Interdisciplinary study of urban decarbonisation and climate policy.
2018–2019	MSc Sustainable Intervention in the Built Environment (MISMeC) Vallès School of Architecture, Universitat Politècnica de Catalunya 60 ECTS. Urban and architectural approaches to sustainable transformation, diagnosing urban metabolic flows of energy, water and materials.
2017–2019	MSc Science and Technology of Sustainability University Research Institute for Sustainability Science and Technologies, Universitat Politècnica de Catalunya 120 ECTS. Graduated 8.29/10 on the Spanish 0-10 scale.
2020	Software Engineering Immersive General Assembly, Paris 480-hour full-stack engineering programme.
2013–2017	BSc Environmental Science, minor in Urban Planning Faculty of Sciences, University of Granada 240 ECTS over four years. Environmental systems, ecology and urban planning.

Aprende y Emprende, entrepreneurship programme
Fundación Prevent, in partnership with ESADE
138 hours of in-person training taught by ESADE faculty, with
individualised executive mentoring, developing and pitching a business
venture.

02 / SELECTED PROJECTS

Selected works

2023–present	<i>Spatial Derive</i> Founder and artist-technologist A walking instrument that records the street's sensory texture, the layer data leaves out.
2026	<i>Invisible Borders Companion</i> Artist-researcher and developer A field companion recording borders as lived conditions, not fixed lines.
2023–present	<i>Upside Down World</i> Artist and developer A south-up re-projection that turns the 1569 Mercator worldview against itself.
2026	<i>Twenty Years on the Lower Lea</i> Artist and developer A walking workshop reading twenty years of Olympic Park regeneration critically.

03 / RESIDENCIES

Residencies and programmes

2026	URBAN AI Academy Programme • Urban AI Practitioner Capstone defence and invited alumni contributor to Urban AI Conversation #49.
2026	School for Poetic Computation, Disturbing Code Programme • SFPC Creative-computation session; contributor to the group risograph zine at mapzine.press.
2026	Invisible Borders Trans-African open call Submission • Invisible Borders Submitted application dossier and field companion; acceptance is not claimed.

Selected talks and practice

2025	Spatial Data Science Conference Royal Geographical Society, London Speaker on cloud-native spatial workflows for European location intelligence.
2026	URBAN AI Academy Urban AI Practitioner Capstone defence and invited alumni contributor to Urban AI Conversation #49.
2026	School for Poetic Computation SFPC · Disturbing Code session Creative-computation practice using the map and the walk as medium; contributor to the group risograph zine at mapzine.press.
Ongoing	Independent spatial practice Spatial Derive and public-interest projects Research, software and artistic work across cities, technology and ecology.

Professional experience

2026–present	Chief Technology Officer (Designate) CommunityAI, London Leading technology strategy, data architecture and delivery for a mission-led platform connecting procurement decisions with measurable community value.
Sep 2023–May 2026	Full-Stack Spatial Data Scientist TJX Europe, London Led geospatial analysis for European markets. Built cloud-native workflows connecting loyalty, footfall and demographic evidence, automating site-selection, catchment and cannibalisation analysis that had required weeks of manual work. Presented the work at the Spatial Data Science Conference 2025.
Feb 2022–Feb 2023	Researcher and Spatial Data Analyst Metabolism of Cities (Belgium), from London Developed urban-circularity methods using material flows and stocks, built interactive Sankey visualisations and coordinated a small research team.
Jan 2020–Feb 2023	Independent Spatial Data Analyst Canary Islands and Catalonia Urban sustainability consulting, municipal energy and emissions analysis, and spatial evidence for the Urban Agenda for the Canary Islands.
Jun 2021–Feb 2022	Data Scientist, then Junior Researcher Metabolic, Amsterdam and London Research and spatial analysis for the CENTRINNO Horizon 2020 programme and circular urban production, working between London and Amsterdam.

JuL-Dec 2019

Spatial Analyst

BCNecologia, Barcelona

Spatial analysis supporting the Social Superblocks programme.

Selected work and full project evidence are available in the work index.