

Profile

Architect with Master’s Degree in Urban Planning and Design with focus on urban development and vulnerability. Experience in GIS applications, spatial analysis, action research, sustainable planning and development, integrated slum upgrading, participatory urban renovation and quality of life projects. Research experience in vulnerability, liveability, migration and forced displacement in Australia and Latin America.

Education

2004 – 2011	Architecture, Urban Planning and Design – University of Stuttgart, Germany Title: Diplom-Ingenieurin (equivalent to current Master’s degree).
2010 –2011	Exchange and research thesis - Pontificia Universidad Javeriana, Bogotá - Colombia (DAAD Scholarship)

Experience

August 2018 - Present	Data Science Officer - Australian Urban Research Infrastructure Network (AURIN) Creation of the Heat Health Vulnerability Indicator for the AusUrb-HI project, GIS, spatial and statistical analysis, data visualization, curation, processing and ingestion (ETL pipeline).
November 2018 - June 2020	Research Assistant - Vulnerability of International Students in High-Rise Buildings The University of Melbourne
July 2014 - 2020	Private design studio
October 2014 - October 2015	Urban Data Professional Support - Australian Urban Research Infrastructure Network (AURIN) Data collection, cleaning, ingestion and spatial analysis, research assistant for the Hospital ED Admissions Prevention project in collaboration with the Department of General Practice at the Melbourne Medical School.
April 2012 – March 2014	Coordinator and Researcher - Urban Observatory, Universidad de La Salle, Bogotá - Colombia Manager of the Urban Observatory's outreach activities and strategic partnerships. Coordination of action-research projects related to sustainable and participatory urban renovation, integrated urban and social development strategies. Tutor for undergraduate planning courses and research internships.
July - November 2011	Research Assistant - Urban Design and Quality of Life research group, Pontificia Universidad Javeriana, Bogotá - Colombia Franjas Articuladoras - land use for cooperating urban systems (Bogotá and region).
August 2008 – July 2009	Research Assistant - Institute for Construction Economics, University of Stuttgart, Germany Energy efficiency and sustainability principles for buildings, comparison of building typologies.

Professional Development

December 2022	Analysis of Linked Health Data University of Western Australia
December 2022	Introduction to R Data Camp
December 2021	Python - Geospatial Analysis and Visualisation Udemy
April – June 2014	Urban Informatics University of Melbourne
March 2013	Maps and the Geospatial Revolution Pennsylvania State University
October – December 2012	ArcGIS for Urban Planners Universidad de La Salle

Conference Presentations

May 2022	Towards an improved understanding of heat health vulnerability in Australia Planning Institute of Australia (PIA) planning congress, Hobart TAS
December 2019	Vulnerability of International Students in High-Rise in the City of Melbourne State of Australian Cities (SOAC) annual conference, Perth WA
November 2013	Radical Geographies/Fighting for the territory – the case of Barrio Policarpa, Bogotá 2nd International Forum of Participatory Urbanism, Universidad de La Salle
October 2013	Public space/public art – Contemporary urban cartographies 3rd International Forum for Art in the Public Space, Centro Cultural Cayena de la Universidad del Norte
March 2013	A beautiful city is a nice place for art – Art exhibition organized by the collective Galería La Mutante at the Art Museum of the Bank of the Republic in Bogotá