CURRICULUM VITAE

Guilherme M. Iablonovski
Architect and Urbanist
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WORK EXPERIENCE

Urbanist and GIS Consultant

Plano C Urban Technologies
2016 – present

Provided consulting services in spatial analysis and cartography to several projects and clients, such as the World Bank and the World Resources Institute. Also taught intensive courseworks on spatial technologies.

Post conflict debris management assessment for the city of Aleppo, Syria
WORLD BANK / URP – URBAN RESILIENCE PLATFORM

Corporative mobility Masterplan for the UFABC, São Paulo
WRI BRAZIL – WORLD RESOURCES INSTITUTE

Database structuration for the water and sewage systems of Santa Cruz, BR
CORSAN – RIO GRANDE DO SUL STATE'S COMPANY FOR SANITATION

Manual for Mitigation of Road Mortality of Vertebrates and Landscape Connectivity
BRAZILIAN MINISTRY OF ENVIRONMENT

Spatial Analyst

Oxford-Brookes University
2016 – present

The position included tasks ranging from case study neighborhoods scoping to geodatabase construction and the production of maps for field work.

Healthy Urban Mobility Project
OXFORD-BROOKES, UFRGS, UNB, UFSC

Lead Urban Designer

3C Arquitetura e Urbanismo
2014 – 2016

Worked on a variety of assignments, tenders and competitions, having coordinated teams composed by interns and architects.

Lead designer to the Uruguay River Waterfront Park in Uruguaiana, BR
URUGUAIANA'S MUNICIPALITY

Project manager to the Northern Littoral Urban Agglomeration's Spatial Database Structuration, Rio Grande do Sul State, BR
RIO GRANDE DO SUL STATE'S OFFICE FOR REGIONAL AND METROPOLITAN PLANNING

Project manager to the Uruguay River Flood Assessment in Uruguaiana, BR
BRAZIL'S MINISTRY OF INTEGRATION

EDUCATION AND TRAINING

Master's Degree in Urbanism

École d'Urbanisme de Paris
2016 – 2017

Interdisciplinary programme with courses ranging from political science and economy to environmental sustainability and data science.

Thesis: Urban Metabolism and power-law scaling in Île-de-France
Tutoring: Dr. Corinne Larrue and Dr. Sabine Bognon

Bachelor's Degree in Architecture and Urbanism

Federal University of Rio Grande do Sul (UFRGS)
2009 – 2014

Five-year long program consisting of general subjects regarding both Architecture, Urbanism and Landscape Architecture, allowing specialization in one or more fields of study. Attended several extra-curricular courses from different bachelor programmes such as Ecology, Agronomy, Geography and Environmental Engineering. Final GPA of 8.5/10

Graduation project: Polyvalent Infrastructure for Porto Alegre
Tutoring: Dr. Leandro Andrade and Dr. Taneha Kuzniecow Bacchin (TU-Delft)

Exchange Program to the Urbanism Institute

Université de Montréal (UdeM)
2011 - 2012

Programme structure around subjects such as urban planning theory, urban and regional economics, and landscape architecture. 30 ECTS.

Atelier project: Urban Acupuncture, a comprehensive network of pocket parks for Montréal's former industrial neighborhood, Griffintown. Published in the Montréal's Office for Public Consultation Report (2012)
Tutoring: Dr. Claudine Déom and Dr. Marie-Claire Blais

RESEARCH EXPERIENCE

PhD Research Assistant

Department of Urbanism
Delft University of Technology
2013 - 2015

Remotely assisted PhD candidate T. K. Bacchin, carrying out field work in the case study city of Porto Alegre (spatial data acquisition, interviews and surveys), landscape architecture design assignments and data modeling.

Performative Nature: Urban Landscape Infrastructure Design in Water Sensitive Cities
Research supervisors: Prof. ir. Dirk Sijmons and Dr. Taneha Bacchin

Research Assistant

School of Urban Planning
McGill University
2011 - 2012

Making Megaprojects Work for Communities is an action-research project seeking to understand how new, large-scale public facilities, can impact communities and the city at large. Worked mainly on the Turcot Interchange 3D model for the yousaycity.com platform.

Making Megaprojects Work for Communities
Research supervisor: Dr. Jason Prince

Undergrad Student Research Assistant

Urban Technologies Lab
Federal University of Rio Grande
do Sul (UFRGS)
2013

Research developed in collaboration with Latitude - Platform for Urban Research and Design, presented at São Paulo's X Biennale of Architecture. Assignments included leading the research team in Porto Alegre, collecting and modelling data about Brazilians case studies.

Reading the Incremental Occupation of Territories
Research supervisors: Dr. Benamy Turkienicz and Dr. Taneha Bacchin

SIDE EDUCATION

Regenerative Landscaping Coursework

Perau do Encanto Landscape
Architecture School
2015

Independent coursework consisting of 9 encounters on subjects such as phytogeography, botany, organic production, water and soil management, bioclimatism and ecologically sensitive gardens. (110h).

ArcGIS 10.3 Associate Certification

ESRI
2017

Esri Certified ArcGIS Desktop Associates are adept at applying basic GIS and ArcGIS concepts and processes to workflows and are skilled at using ArcGIS for Desktop to visualize, manage, and analyze geospatial data.
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Massive Open Source Online Courses (MOOCs)

Complexity Explorer, EDx,
Coursera, FUN
2014 – present

Introduction to Water and Climate **Delft University of Technology // DelftX**

Data Analysis - Take it to the MAX **Delft University of Technology // DelftX**

Fractals and Scaling **Santa Fe Institute // Complexity Explorer**

Tropical Coastal Ecosystems **The University of Queensland // UQX**

Livable Future Cities **ETH Zürich // ETHX**

Urban Sociology for a Globalizing World **Sciences Po Paris // FUN**

Des Rivières et des Hommes **Grenoble INP // FUN**

Designing Cities **University of Pennsylvania // UPENNX**

Next Generation Infrastructures **Delft University of Technology // DelftX**

Statistical Thinking for Data Science and Analytics **Columbia University // ColumbiaX**

Dynamiques des paysages **Université de Rennes I // FUN**

Introduction to Agent Based Models **Santa Fe Institute // Complexity Explorer**

HONORS AND AWARDS

Hackathon Risques 3ʳᵈ Prize

Green Tech Verte
French Ministry for the Environment
2016

Took part in the group (Urban Resilience Platform) that developed a web application tool (coded in javascript) for calculating costs and impacts of different post-catastrophe waste management scenarios.

Émile Boutmy Scholarship

Sciences Po Paris
2016

The Emile Boutmy Scholarship is awarded to top students whose profiles match the admissions priorities of Sciences Po and individual course requirements.

Miguel José Aroztegui Prize

ArquiSur
2014

Prize awarded by the Arquisur committee every year for the best architecture and urbanism graduation project in South America.

SKILLSET

Languages spoken

English (109 points TOEFL)   Spanish (professional proficiency)

French (C1 level DALF)   Portuguese (mother tongue)

IT skills

ArcGIS Desktop   Adobe Illustrator
ArcGIS Server   Adobe InDesign
QGIS   Adobe Photoshop
PostGIS (PostgreSQL)   AutoCAD
Spatialite   Sketch up
Excel   Rhinoceros
Data Nytro   Leaflet
MS Office Suite   Carto

Coding languages

SQL   Uml
Python   Omt-g
Html   Grasshopper
Css   Arc-py