

IRENE RODRÍGUEZ VARA

M. ARCHITECT & M. CITY AND TECHNOLOGY

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web. <https://irenervara.github.io/portfolio/>

Date and Place of Birth. Madrid (Spain). December 15th, 1989

EDUCATION

EDX: ONLINE JAVASCRIPT COURSE

Improve capabilities in HTML, CSS AND JAVASCRIPT

APRIL 2019

Data Visualization Specialist

Workshop: *PERIODISMO DE DATOS 19*

MediaLab Prado. Madrid

MARCH 2019

MASTER IN CITY AND TECHNOLOGY

Institute for Advanced Architecture of Catalonia

Large variety of technological tools that are imperative for the multi-scalar representation and understanding of the urban environment. From coding, to Big Data manipulation, to simulations, to visualization and Geographical Information Systems (GIS).

Projects based on real-time data that can be further articulated into responsive systems and metabolic organisations, where small decisions can have a large impact on the urban scale.

OCTOBER 2017 - JUNE 2018

PFC EXHIBITION MADRID 2015

COAM Madrid School of Architects

Final Project selected as part of the temporary exhibition of the best projects placed in Madrid.

PRIZE BEST PFC 2015

CEU San Pablo University in Madrid

Based on the development of the different cycles of construction along time and how these cycles can interact with the whole urban ecosystem.

MASTER DEGREE IN ARCHITECTURE

Escuela Politécnica Superior

CEU San Pablo University in Madrid

Architectural design of projects, as well as their development and management. Construction, building technologies (structure calculation, electricity, sanitation, climate control) and urban planning, as support for a solid and coherent design.

SEPTEMBER 2007 - FEBRUARY 2015

WORK EXPERIENCE

O-HB (Observatori Metropolità de l'Habitatge de Barcelona)

Advanced urban data management, analysis and visualization.

Research and development of tools for a better analysis, interpretation and understanding of the city.

JULY 2019 - PRESENT

IED INNOVATION LAB. CITY LAB : Urban data expert

Urban, economic and social reactivation project in Carabanchel district in Madrid. Management of the first phase of the project: databases generation, analysis and mapping within the area of study. Collaboration in following phases: design and fabrication.

OCTOBER 2018 - JUNE 2019 | APRIL 2021 - PRESENT

THE FUTURE OF COMMERCE IN BARCELONA

Freelance Project

A hypothetical map of its spatial distribution: analysis of the economic activities dataset to develop a data viewer that reflects the impact that the new commercial model will have in the future cities.

FEBRUARY 2020

ELS EQUIPAMENTS A L'AMB : PREGUNTES DEL FUTUR.

Freelance Project

Urban and analytical study for the Metropolitan Area of Barcelona. Project coordinated by Vicent Guallart and the Institute for Advanced Architecture of Catalonia.

AUGUST - NOVEMBER 2018

SUMMER WORKSHOP - San Pablo CEU University in Madrid

Professor in introduction to the analysis and data visualization; basic tools for the understanding of the city and assistant professor of digital fabrication.

JULY 2018

LINEA architecture studio: Habitual contributor

Collaboration during the different phases that the architectural project requires. Residential and educational projects, especially.

2017 - PRESENT

DANIEL VALLE ARCHITECTS

MArch & Project Manager. Seoul, South Korea

Responsible for the architectonic design, development of building plans, contests diversity, images and research (sustainability, technology...).

JANUARY 2016 - JUNE 2017

PUBLICATION: SPAIN IÑ SEOUL. Design Magazine.

Spanish Design Exhibition in Dongdaemun Design Plaza, Seoul. Standalone project management and design of the event.

OCTOBER 2016

CHIASMUS architects. Seoul, South Korea

MArchitect

Responsible for the architectonic design, projects supervision and client relationships. Development of images, 3D modeling, building plans, physical models and sketches.

APRIL 2015 - JANUARY 2016

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WORK EXPERIENCE

EXHIBITION *se alquila mercado*

Mercado de la Cebada in Madrid

Public exhibition of urban and social intervention projects in Madrid.

2013

WORKSHOP IN ZHEJIANG UNIVERSITY

CHINA

Workshop CEU San Pablo University (Madrid. Spain) together with Zhejiang University (Hangzhou. China). The program was based on the knowledge and ideas exchange, developing design proposals and urban strategies.

JULY 2013

WORKSHOP MUÉVETE : study of movement, perception and scenography

EPS CEU San Pablo University in Madrid

2012

BEST PROJECT 2012

Machine of processes. Chamartín.

Agents such as children or weather effects are responsible for transforming energy into beach, snow, lights and water parks.

CEU San Pablo Jury's decision

2012

WORKSHOP Sesiones Urbabas (urban sessions)

Madrid City Hall

NOVEMBER 2010

COMPLEMENTARY ARCHITECTURE STUDIES

Revit Course (2013 La Lenonera Academy); SkecthUp+Vray advanced courses (2010 and 2011 Studio Banana. Madrid. Spain); New technologies speech attendance (2015 COAM); Rehabilitation cities speech attendance (2015 COAM).

PFC (Final thesis project) WORKSHOP SCHOLARSHIP

CEU San Pablo University in Madrid

Maintenance of the area related to Final Thesis Project. Acquiring knowledge about the use of Laser Cutting, 3D printing, CNC ...

SEPTEMBER 2014 - FEBRUARY 2015

ABC Group. Junior architect

6 months internship. In charge of the design of a brand of restaurants in the international department, in collaboration with Chinese and US companies. As well as SANITAS License Management in consulting department.

AUGUST 2013 - FEBRUARY 2014

LINEA architecture studio. Junior architect

Summer internship. In charge of layout and 3D modeling post, image of a rehabilitation project. Analysis of the current state and design of new proposals.

JUNE - SEPTEMBER 2012

LINEA architecture studio. Junior architect

Summer internship. Development of Valdemoro Sport Club basic project. Monitoring in work and office.

JUNE - SEPTEMBER 2011

PRISMA Construction. Junior architect

Part time. Development of Basic Project of residential buildings. Project monitoring in office.

2011

LANGUAGES

ENGLISH

speak / read / write C1 Level



SPANISH

mother tongue



COMPUTER SKILLS

Autocad	●●●●●●●●	Rhino	●●●●●○○○	Html + CSS	●●●●●○○○
Photoshop	●●●●●●●●	Grasshopper	●●●●●○○○	Python	●●●●○○○○
Illustrator	●●●●●●●●	SketchUp+Vray	●●●●●○○○	GIS	●●●●●○○○
InDesign	●●●●●●●●	REVIT	●●●○○○○○	SQL	●●●●●○○○
After Effects	●●●●●○○○	CNC milling	●●●●●○○○	Arduino	●●●○○○○○
MsOffice	●●●●●●○○	3D printing	●●●●●○○○	Processing	●●●○○○○○
Unity	●●●●○○○○	Laser cutting	●●●●●○○○	Leaflet	●●●●○○○○
Carto	●●●●●○○○	Power BI	●●●●○○○○	App Inventor	●●●●○○○○