

# IRENE RODRÍGUEZ VARA

## ARCHITECT DESIGNER PLANNER

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

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

### Data Visualization Specialist

MADRID - MEDIALAB PRADO

MARCH **2019**

'PERIODISMO DE DATOS' WORKSHOP

### IED INNOVATION LAB. CITY LAB DATA SPECIALIST

MADRID OCTOBER **2018** - TODAY

Urban, economic and social reactivation project in Carabanchel. Management of the first phase of the project: analysis of databases and mapping.

### Master in City and Technology

2017 - **2018** at Institute of Advanced Architecture of Catalonia.

Large variety of technological tools and software that are imperative for the multi-scalar representation and understanding of the urban environment. From 3D modelling to parametricism, to coding, to Big Data manipulation, to simulations, to visualization and Geographical Information Systems.

Development of 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.

Urban and analytical study for the Metropolitan Area of Barcelona. **2018**

### Professor in Data Analysis and Visualization

**2018** San Pablo Ceu. Madrid

Two weeks summer workshop, imparting basic tools for the city understanding.

### 2017 1st Prize

Seoul Daycare Center competition

### 2nd Prize

Seoul Landscape competition

### Publication. Design Magazine.

**2016** "Spain in Seoul". **Seoul**. South Korea

Spanish Design Exhibition in Dongdaemun Design Plaza, Seoul. Standalone project management.

### Daniel Valle Architects. MArch & Project Manager

SEOUL JANUARY 2016 - JUNE **2017**

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

Main projects: Mapo Gardens Design (SD. Artificial gardens, renewable energy fed, productive, cultural, technological and charged with urban programs); Aarhus School of Architect Competition; Magok Competition (3rd Prize); Artificial Floating Beach (SD, DD); Seoul Daycare Center Competition (SD, DD, CD) ...

### Publication. Future Magazine

2015 "Esta ciudad es una ruina". (This city is a ruin). Madrid

Publication of the project as part of the Workshop USP Ceu (Madrid) - Zhejiang University (China)

### CHIASMUS architects. MArchitect

SEOUL APRIL **2015** - JANUARY 2016

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

### PFC COAM Exhibition

2015 "Esta ciudad es una ruina". (This city is a ruin). Madrid  
Selected one of the best PFC projects 2015.  
Part of the temporary exhibition in the Madrid School of Architects.

### Prize Best PFC 2015. San Pablo Ceu University

2015 "Esta ciudad es una ruina". (This city is a ruin). Madrid

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

### MAJOR

### Master Degree in Architecture

2007-**2015** San Pablo CEU University (Madrid)

Architectural project design, development and management, construction and building technologies, urban planning

### Selected project in sustainability speech

2015 "Esta ciudad es una ruina". (This city is a ruin). Madrid

The ecological research through the project has been one of the high spots in the whole process. Social, mental and environmental ecology was the concept my speech was based on.

WORK  
EXPERIENCE

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Second Position in ORONA CEU  
architecture competition  
2013 Urban Cebada. Madrid  
Vertical architectural systems contest

Exhibition "Se alquila mercado"  
2013 urban and social intervention Madrid  
Public exhibition at Cebada Market

## PFC (Final thesis project) WORKSHOP SCHOLARSHIP

MADRID SEPTEMBER 2014 - FEBRUARY 2015

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

ABC GROUP. Junior Architect

MADRID AUGUST **2013** - FEBRUARY 2014

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.

WORK EXPERIENCE

## EDUCATION

## Workshop in Zhejiang University

CHINA JULY 2013

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

## Workshop Digital Fabrication

2013 San Pablo CEU University. (Madrid. Spain)

3 months workshop. Exploring new ways of architecture approach. Grasshopper, 3Ds + Vray, Scale model, Rhinoceros...

## Workshop MUÉVETE: study of movement, perception and scenography

2012 San Pablo CEU University. (Madrid, Spain)

## Workshop Sesiones Urbanas (urban sessions)

NOVEMBER **2010** MADRID CITY HALL

## Complementary architecture studies

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

## Selected project

2012 Chamartín Processes Machine. Madrid

Agents such as children or weather effects are responsible for transforming energy into beach, snow, lights and water parks. Selected best project 2012. San Pablo Ceu Jury's decision

Studio LINEA. Junior Architect

JUNE 2012 - SEPTEMBER 2012

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.

Studio LINEA. Junior Architect

MADRID JUNE 2011 - SEPTEMBER 2011

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

## PRISMA construction. Junior Architect

MADRID 2011

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

WORK EXPERIENCE

computer skills

Autocad	●●●●●●	Html	●●●●○○	Rhino	●●●●○○
Photoshop	●●●●●●	Python	●●●○○○	Grasshopper	●●●●○○
Illustrator	●●●●●●	QGIS	●●●●●○	SketchUp	●●●●●○
InDesign	●●●●●●	SQLite	●●●●○○	VRAY	●●●●○○
After Effects	●●●●●○	CSS	●●●●○○	REVIT	●●●○○○
MsOffice	●●●●●○	JavaScript	●●●●○○	CNC milling	●●●●●○
Unity	●●●●○○	Processing	●●●○○○	3D printing	●●●●●○
Arduino	●●●○○○	ApplInventor	●●●●○○	Laser cutting	●●●●●○

## languages

English

speaking / reading / writing C1 Level

Spanish

mother tongue