IRENE RODRÍGUEZ VARA

email. irenervara@gmail.com telephone. 0034 629 52 07 01 web. https://irenervara.github.io/portfolio/

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

EDUCATION

WORK EXPERIENCE

URBAN DIGITAL DESIGN ADVISOR: NEOM

Freelance Project. In collaboration with Ecosistema Urbano Intervening in the urban digital design guidelines for NEOM project in Saudi Arabia. Studying the implementation of technology and the user experience in the urban space of a new city.

IANUARY 2022 - PRESENT

EDX: ONLINE IAVASCRIPT COURSE

Improve capabilities in HTML, CSS AND **JAVASCRIPT**

APRIL 2019

PROJECT RESEARCHER: SIERRA LEONE

Freelance Project. In collaboration with EPS CEU San Pablo in Madrid Data collection, analysis and visualization for the vulnerable urban areas reactivation in the city of Makeni, Sierra Leone.

IANUARY 2022 - PRESENT

Data Visualization Specialist

Workshop: PERIODISMO DE DATOS 19 MediaLab Prado. Madrid

MARCH 2019

O-HB (Observatori Metropolità de l'Habitatge de Barcelona) Advanced urban data management, analysis and visualization.

Development of tools for a better analysis, interpretation and understanding of the city. Research studies to overcome data gaps and orient housing policy making.

JULY 2019 - DECEMBER 2021

Freelance Project

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

URBAN DATA EXPERT: ACTIVAR CARABANCHEL

Freelance Project. In collaboration with IED INNOVATION LAB - CITY LAB Urban, economic and social reactivation project in Carabanchel district in Madrid. Databases generation, analysis and mapping. Design of proposals and fabrication.

OCTOBER 2018 - JUNE 2019 | APRIL 2021 - PRESENT

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

FEBRUARY 2020

RESEARCHER and URBAN SPATIAL ANALYST

THE FUTURE OF COMMERCE IN BARCELONA

Freelance Project. In collaboration with the Institute for Advanced Architecture of Catalonia.

A hypothetical map of its spatial distribution: analysis of the

economic activities dataset to develop a data viwer that reflects the

impact that the new commercial model will have in the future cities.

Research on public facilities coverage in the Barcelona Metropolitan Area. Cartographies on typologies, diversity, accessibility, and management, as well as maps to represent future scenarios for collaboration and fostering innovation.

AUGUST - NOVEMBER 2018

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

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.

IULY 2018

PUBLICATION: SPAIN IÑ SEOUL. Design

Magazine.

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

OCTOBER 2016

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

Architectonic design, development of building plans, diversity of contests, images and research (sustainability and techonology).

IANUARY 2016 - JUNE 2017

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M. ARCHITECT & M. CITY AND TECHNOLOGY

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

EDUCATION

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

EXHIBITION se alquila mercado Mercado de la Cebada in Madrid Public exhibition of urban and social intervention projects in Madrid.

2013

WORKSHOP IN ZHEJIANG UNIV. CHINA

Workshop CEU San Pablo University (Madrid. Spain) together with Zhejiang University (Hangzhou. China). Design proposals and urban strategies.

IULY 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.

2012

WORKSHOP Sesiones Urbanas (urban sesions) Madrid City Hall

NOVEMBER 2010

COMPLEMENTARY ARCH. STUDIES

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

LANGUAGES

ENGLISH

speak / read / write C1 Level

SPANISH

mother tongue

WORK EXPERIENCE

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 - IANUARY 2016

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.

JUNE - SEPTEMBER 2011

PRISMA Construction. Junior architect

Part time. Development of Basic Project of residential buildings.

2011

COMPUTER SKILLS

| Autocad ••••• | Rhino | ••••• | Html + CSS | ••••• |
|-------------------|---------------|---------|--------------|---------|
| Photoshop ••••• | Grasshopper | ••••• | Python | •••0000 |
| Illustrator ••••• | SketchUp+Vray | | GIS | ••••• |
| InDesign ••••• | REVIT | •••0000 | SQL | ••••• |
| After Effects | CNC milling | ••••• | Arduino | •••0000 |
| MsOffice •••• | 3D printting | ••••• | Processing | •••0000 |
| Unity •••• | Laser cutting | ••••• | Leaflet | ••••• |
| Carto | Power BI | ••••000 | App Inventor | ••••• |