

EDUARDO CHAMORRO

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ARCHITECT
DESIGNER
FABRICATOR

work experience

education

MASTER IN ADVANCED ARCHITECTURE (scholarship) 2018
at Institute for advanced architecture of Catalonia, Barcelona, Spain
Digital Matter – Intelligent Construction, Advanced Digital Tools, Produino, Studio on the Bio intersection of biology, computation and design.

Robotic Fabrication – wood recycling
opencv scanning and robotic milling for repurposing scrap wood

FAB ACADEMY DIPLOMA, (scholarship) 2014

Six month program on digital fabrication based on MIT's How To Make (almost) Anything, by Prof. Neil Gershenfeld of Center for Bits and Atoms

MASTER DEGREE IN ARCHITECTURE at San Pablo CEU University, Madrid, Spain

Architectural project Design, Development and Management, Construction and Building Technologies, Urban planning, Structural Analysis, MEP. (registered architect)

Master Madrid City (scholarship) 2013
Workshop focused on the meaning of the dual city as a spatial model with Morphosis, OAB, José Gonzalez Gallegos, Izaskun Chinchilla, Zigzag arquitectura, Mansilla-Tuñón

MADSTOCK WORKSHOP 2012
Polytechnic University of Madrid, Spain
Workshop focused on 1:1 scale construction experimentation; promoting the use of recycled and repurposed materials.

DIGITAL FABRICATION

at San Pablo CEU University, Spain
Digital modeling and construction techniques.

CNC workshop focused on fast prototyping for architecture
Grasshopper workshop focused on generative algorithms

PHOTOGRAPHY WORKSHOP

at San Pablo CEU university, Spain
Digital retouching techniques, analogue developing and photographic theory

2019

PROFESSOR of DESIGN AND DIGITAL PROTOTYPING

at Master Design for Emergent Futures & Fab Academy, IaaC, Spain
at Master In Advanced Ecological Buildings, IaaC, Spain
at OTF, Open Thesis in 3D printing Architecture, IaaC, Spain

MISK ARTIST WORKSHOP, Riyadh, Saudi Arabia.

in collaboration with Appareil Studio and Creative Dialogue.

2018

PROFESSOR in DIGITAL PROTOTYPING for ARCHITECTURE

at Master In Advanced Ecological Buildings, IaaC, Spain
Main professor for the course in advanced digital fabrication and computational seminary of the Master in Advanced Ecological Building in IaaC

2nd STATE THINK TANK & EXHIBITION Grymsdyke Farm Lab, England

Co-organizer of workshop for flexible design systems for new housing typologies. Exhibit in UK Timber Expo. In collaboration with RCA School, TRADA, AJG, Manja van de Worp, Hanson, Petersen Cables.

MASSBESPOKE STRUCTURAL DESIGN COLLABORATION England

Development of parametric designed informed structural analysis for modular timber construction systems.

DIGITAL FABRICATION and DATA VISUALIZATION Summer school

at CEU San Pablo University, Architecture School

FABLAB SEOUL DIRECTOR Seoul, South Korea

Fablab Seoul main professor, coordinator and Fab Academy instructor. Researcher in structures and new fabrication techniques.

2015 -
January -
2017
July

Responsible for the operation, assistance and maintenance for all the digital fabrication technologies.

Workshops and educational programs like Maker Academy, Start-up Academy and American Center Korea (US Embassy). K-lab (Founding Fablabs in South East Asia) development in collaboration with KEC, KOICA. Start-up design and META Urban Development advisor.

Curator, designer of multiple pavilions, Maker Faire Seoul, Coex, GGCW.

2014

February -
November

PROFESSOR in DIGITAL FABRICATION for ARCHITECTURE

at CEU San Pablo University, Architecture School

Composition, fabrication and design software professor for EBLA ARQUITECTURA, PICADO DE BLAS ARQUITECTOS, artist and students.

2014

January

ARCHITECT in EBLA ARQUITECTURA STUDIO

Madrid, Spain

Project design "Don Bosco Schol" in Mikomeseng (Equatorial Guinea) and competition Historic Center Renewal of Torrelodones

2014

January -
July

EXHIBITION DIRECTOR of TRANSFORMAD

at Madrid Town Hall

Performance/exhibit about the future of Madrid. Responsible of the exhibit design, sponsorships, coordination, and installation.

2013

March -
June

EXHIBITION ASSISTANT of "Spain mon Amour"

at ICO Foundation, Madrid, Spain

Exhibit of architecture and urbanism over the last decade in Spain.

2011

May -
September

JUNIOR ARCHITECT, CA14 Studio

Madrid, Spain

Design team for different housing and urbanism development.

2009

June -
September

PARK OPERATOR-LIFEGUARD,

Seaworld, Orlando, Florida, EEUU

languages

English

fluent B2

Spanish

native
speaker

French

bilingual
DALF C1

%

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design skills

Autocad	●●●●●●●●●●●●●●
Photoshop	●●●●●●●●●●●●●●
Lightroom	●●●●●●●●●●●●●●
Illustrator	●●●●●●●●●●●●●●
Indesign	●●●●●●●●●●●●●●
Flash	●●●●●●●●●●●●●●
Rhino	●●●●●●●●●●●●●●
Grasshopper	●●●●●●●●●●●●●●
Sketchup	●●●●●●●●●●●●●●
Vray	●●●●●●●●●●●●●●
123series	●●●●●●●●●●●●●●
SU Podium	●●●●●●●●●●●●●●
Ms Office	●●●●●●●●●●●●●●
Premiere	●●●●●●●●●●●●●●
Final Cut	●●●●●●●●●●●●●●
Eagle	●●●●●●●●●●●●●●
Html	●●●●●●●●●●●●●●
Wordpress	●●●●●●●●●●●●●●
Processing	●●●●●●●●●●●●●●
Scripting	●●●●●●●●●●●●●●
Arduino	●●●●●●●●●●●●●●

fabrication skills

●●●●●●●●●●●●●●	Robotics
●●●●●●●●●●●●●●	ABBTaco robot
●●●●●●●●●●●●●●	KUKA PRC
●●●●●●●●●●●●●●	Laser Cutting
●●●●●●●●●●●●●●	3D Printing
●●●●●●●●●●●●●●	3D Scanning
●●●●●●●●●●●●●●	Composites
●●●●●●●●●●●●●●	CNC Milling
●●●●●●●●●●●●●●	Vinyl Cutting
●●●●●●●●●●●●●●	PCB
●●●●●●●●●●●●●●	Drones
●●●●●●●●●●●●●●	End effectors
●●●●●●●●●●●●●●	Molding and casting
WINDOWS ●●●●●●●●●●●●●●	
MAC OSX ●●●●●●●●●●●●●●	
LINUX ●●●●●●●●●●●●●●	

accomplishments

- 2019
 - Work Publication TRAE.DK (Copenhagen, Denmark)
 - 2nd STATE THINK TANK building systems prototype
 - Exhibit in Danish Architecture Center DAC (Copenhagen, Denmark)
- 2018
 - 2nd STATE THINK TANK building systems prototype
 - Exhibit in Festival della Scienza (Genova Science Fair)
 - Exhibit of FLUX-IN project developed at IaaC
 - Interview, "50 years anniversary" Ceu San Pablo University
- 2016
 - Alumni interview as architect expert in digital fabrication
 - Interview, "Seunssanga Documentary" SBS-Tv
 - Documentary on how maker movement is changing the city
 - 3^o Position in 2^o Drone Fight Korea, ASL
 - Work Publication, "Design" design magazine korea
 - Work Publication, "Ponoko" design magazine
- 2015
 - Let's Make Global Forum Korea, KOFAC
 - Speaker with Hiroya Tanaka, Paul Duggen, Kim Sung Han and Ha Uk Hiu
 - "Ideas Club" Korean Government Foundings
 - Development of drone educational kit
- 2014
 - 3^o Position in ArcChallenge Youth Hostel competition
 - Spoiled neighborhood recovery contest
 - Work Publication, On Diseño architectural magazine
 - Work Publication, Veredes architectural magazine
- 2013
 - 3^o Position in Orona CEU architecture competition
 - Vertical architectural systems contest
 - 3^o Position in Schindler CEU architecture competition
 - Vertical architectural systems contest
 - Work Exhibit "Se alquila mercado", Cebada Food Market Madrid
 - Organized by local cultural society "La Latina"
- 2010
 - Winner at CEU Yearly weight optimized structures contest
 - Wood beam contest
 - 3^o Position Photography CEU artistic competition

personal profile

BIO

All my research work has seek to explore new design methodologies, materials and develop unique procedures of fabrication through multidisciplinary environments to expand the architectural methodologies. Working in a multi-scalar environment must be the priority in an architect nowadays.

I have always sought to obtain and complement my education through multidisciplinary environments looking to dissolve limits between different fields.

I am an active person who loves life and practises multiple activities.

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|----------------------|-----------|----------------|
| ○ Photography | ○ Surf | ○ Cinema |
| ○ Aircraft modelling | ○ Ski | ○ Illustration |
| ○ Reading | ○ Biking | ○ Cycling |
| ○ Technology | ○ Archery | ○ Typography |
| ○ Travelling | ○ Skating | ○ Diy projects |

portfolio webpage

<http://eduardochamorro.github.io/beansreels/index.html>

