

# EDUARDO CHAMORRO

address: Barcelona, Spain  
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email: eduardochamorro@gmail.com

ARCHITECT  
DESIGNER  
FABRICATOR

## education

**MASTER IN ADVANCED ARCHITECTURE (scholarship)** 2017 2018

at Institute for advanced architecture of Catalonia, Barcelona, Spain  
Digital Matter – Intelligent Construction, Advanced Digital Tools, Arduino, 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

2006-2014

**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

CV  
2018

2015 -  
January -  
2017  
July

2014  
February -  
November

2014  
January

2014  
January -  
July

2013  
March -  
June

2011  
May -  
September

2009  
June -  
September

- **PROFESSOR in DIGITAL PROTOTYPING for ARCHITECTURE of IAAC**  
at Master In Advanced Ecological Buildings, IaaC, S-  
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.
- **MASS BESPOKE 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 FabAcademy instructor. Researcher in structures and new fabrication techniques. 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.
- **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.
- **ARCHITECT in EBLA ARQUITECTURA STUDIO**  
Madrid, Spain  
Project design "Don Bosco Schol" in Mikomeseng (Equatorial Guinea) and competition Historic Center Renewal of Torrelodones
- **EXHIBITION DIRECTOR of TRANSFORMAD**  
at Madrid Town Hall  
Performance/exhibit about the future of Madrid. Responsible of the exhibit design, sponsorships, coordination, and installation.
- **EXHIBITION ASSISTANT of "Spain mon Amour"**  
at ICO Foundation, Madrid, Spain  
SPAIN MON AMOUR is an architectural exhibit about how architecture and urbanism has changed over the last decade in Spain.
- **JUNIOR ARCHITECT, CA14 Studio**  
Madrid, Spain  
Design team for different housing and urbanism development.
- **PARK OPERATOR-LIFEGUARD,**  
Seaworld, Orlando, Florida, EEUU

## work experience

## languages



fluent B2



native speaker



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

●●●●●●●●●●	Robotic
●●●●●●●●●●	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

- 2018** ○ Interview, "50 years anniversary" Ceu San Pablo University Alumni interview as architect expert in digital fabrication
- 2016** ○ Interview, "Seunssanga Documentary" SBS-Tv Documentary on how maker movement is changing the city
- 3º Position in 2º 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** ○ 3º Position in ArcChallenge Youth Hostel competition Spoiled neighborhood recovery contest
- Work Publication, On Diseño architectural magazine
- Work Publication, Veredes architectural magazine
- 2013** ○ 3º Position in Orona CEU architecture competition Vertical architectural systems contest
- 3º 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
- 3º Position Photography CEU artistic competition

## personal profile

## BIO

I work to discover how technology can transform architecture and his processes to improve peoples lives. I seek to push myself, past my potential and develop new architectural methods focused on robotics design processes that could be applied into the real world whilst researching future techniques .

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

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

## portfolio webpage

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