

EDUARDO CHAMORRO

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ARCHITECT
DESIGNER
FABRICATOR

education

MASTER IN ADVANCED ARCHITECTURE (scholarship) 2017
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

● **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

2015 -
January -
2017
July

● **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.

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
TRANSFORMAD performance/exhibit about the future of the city of Madrid. I was responsible for the correct exhibit operation and its design. Search for sponsorships, coordination, assembly and disassembly.

2013
March -
June

● **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. As an exhibition assistant I had to show and explain the concept of the exhibit to the visitors.

2011
May -
September

● **JUNIOR ARCHITECT, CA14 Studio**
Madrid, Spain
Design team for different housing and urbanism development. Analyse location, deal with concept and distribution.

2009
June -
September

● **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>